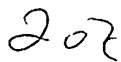
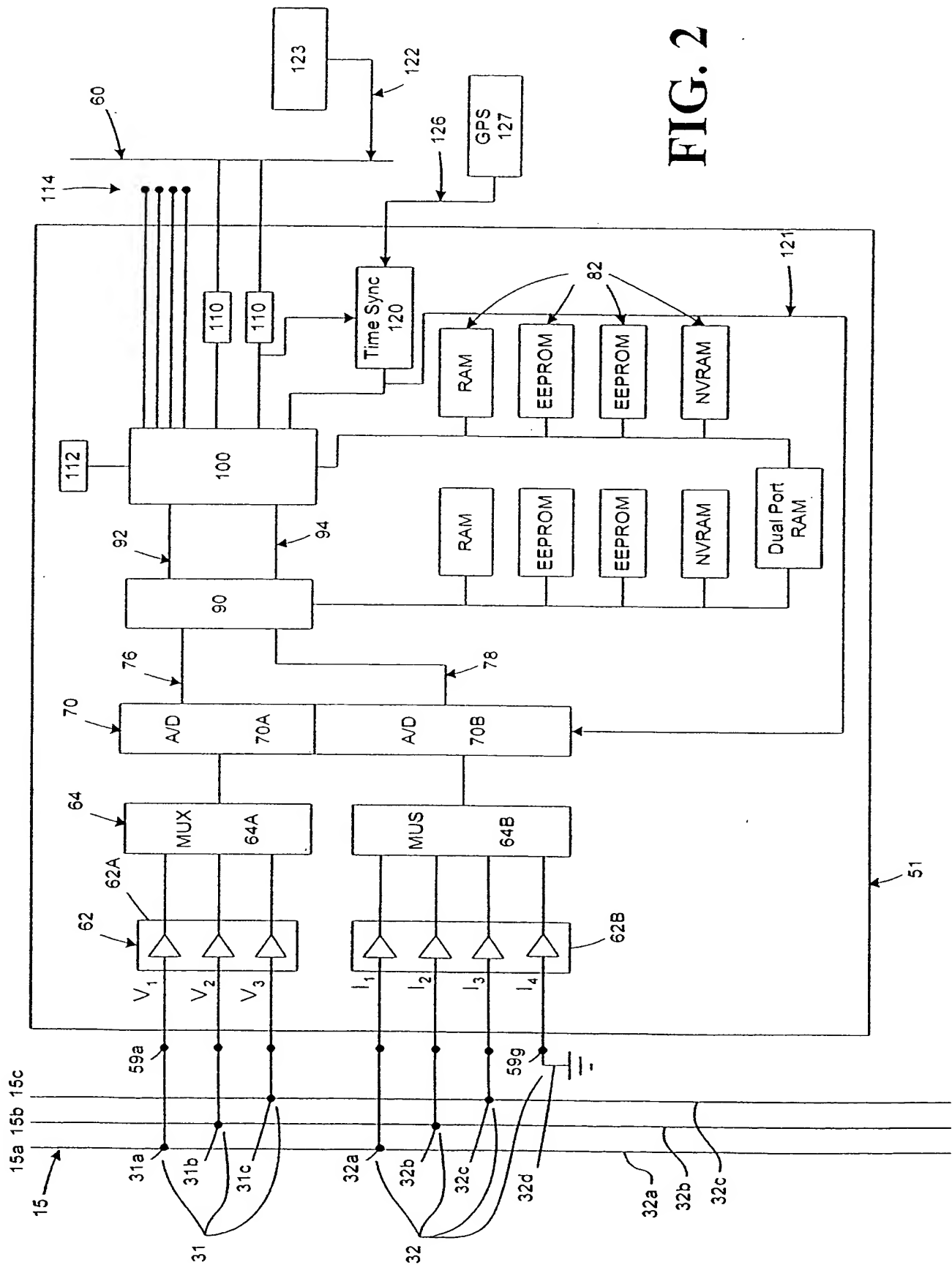


10 

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GPS Sync





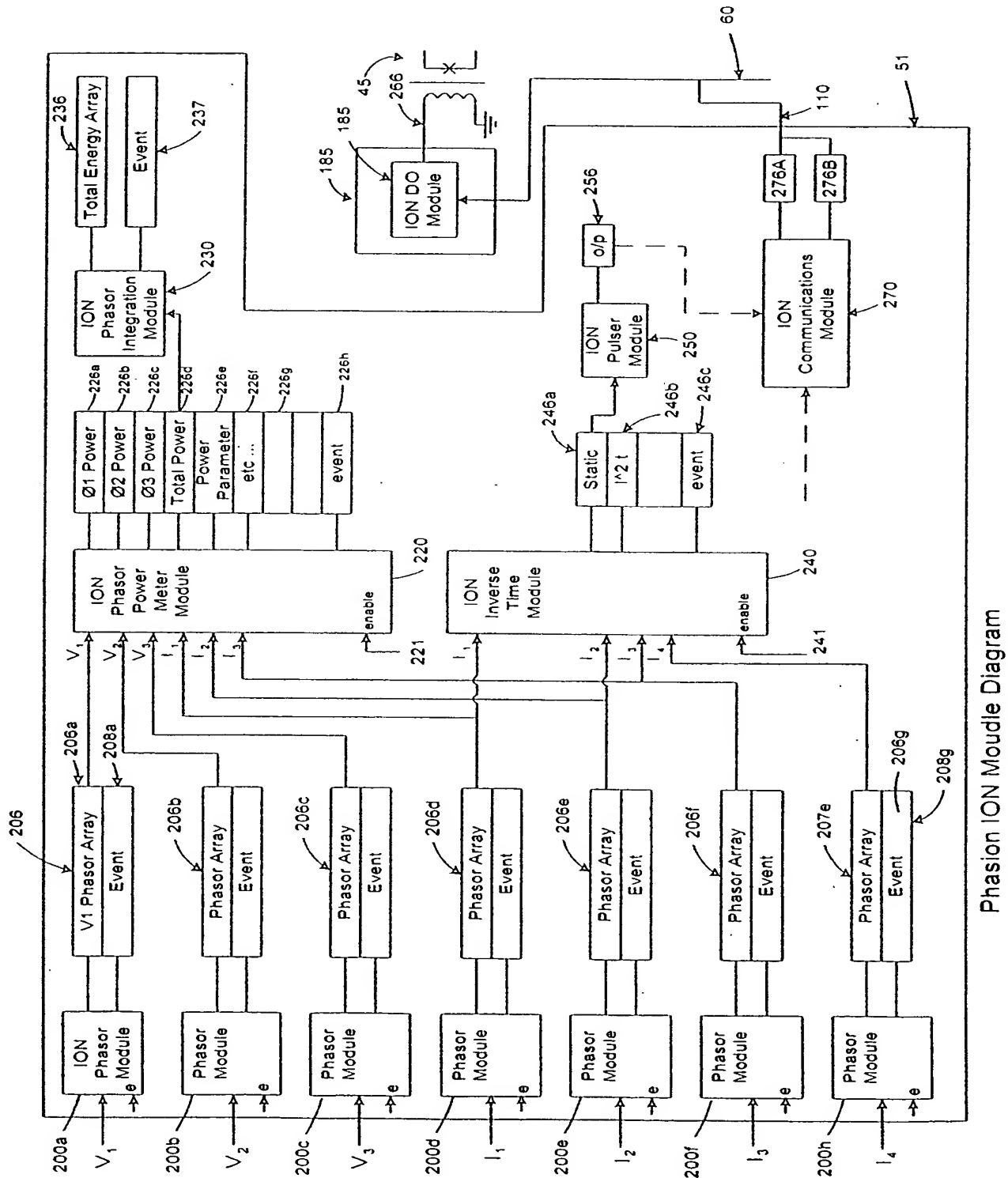
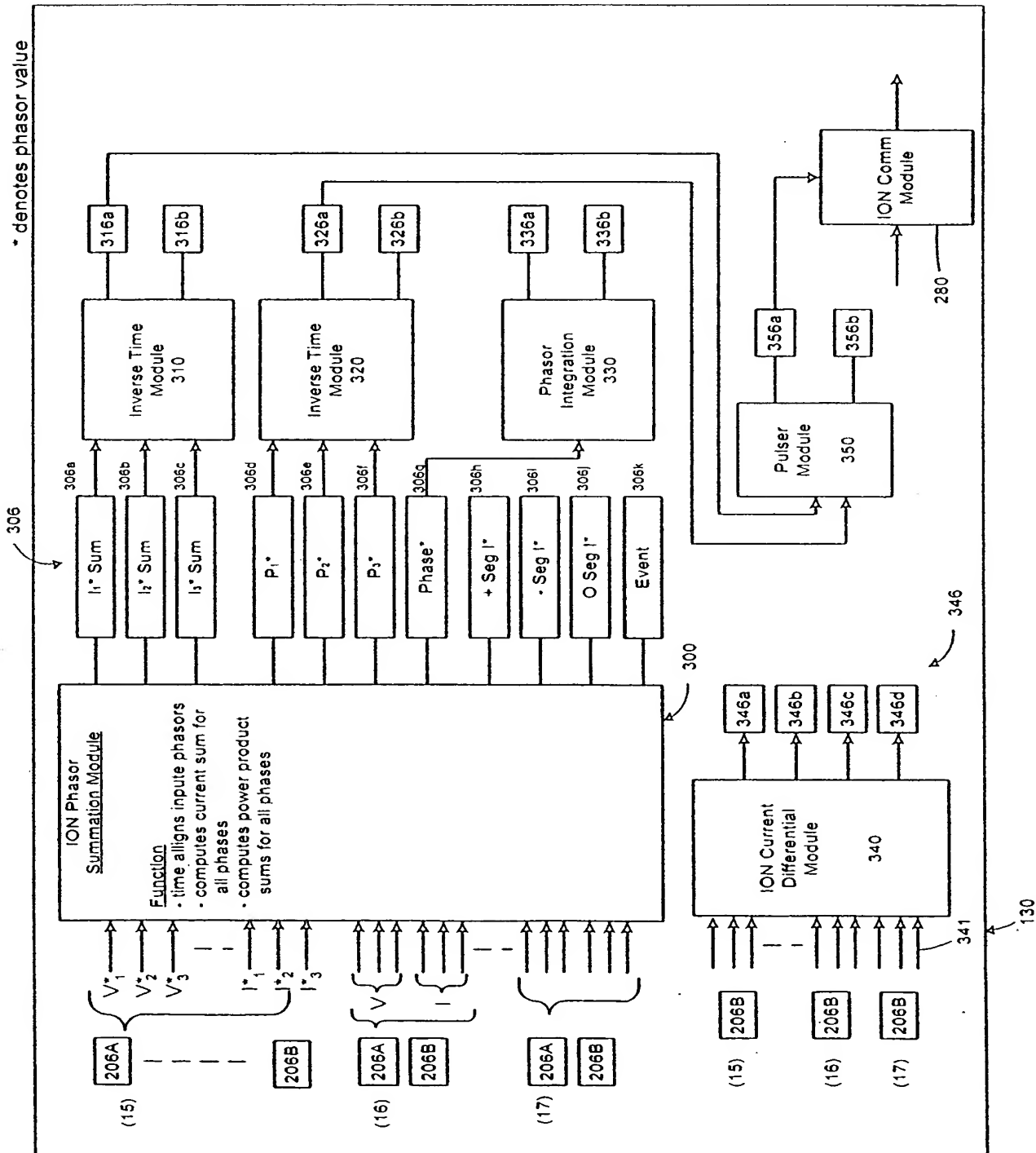


FIG. 3

Phasor ION Module Diagram

FIG. 4



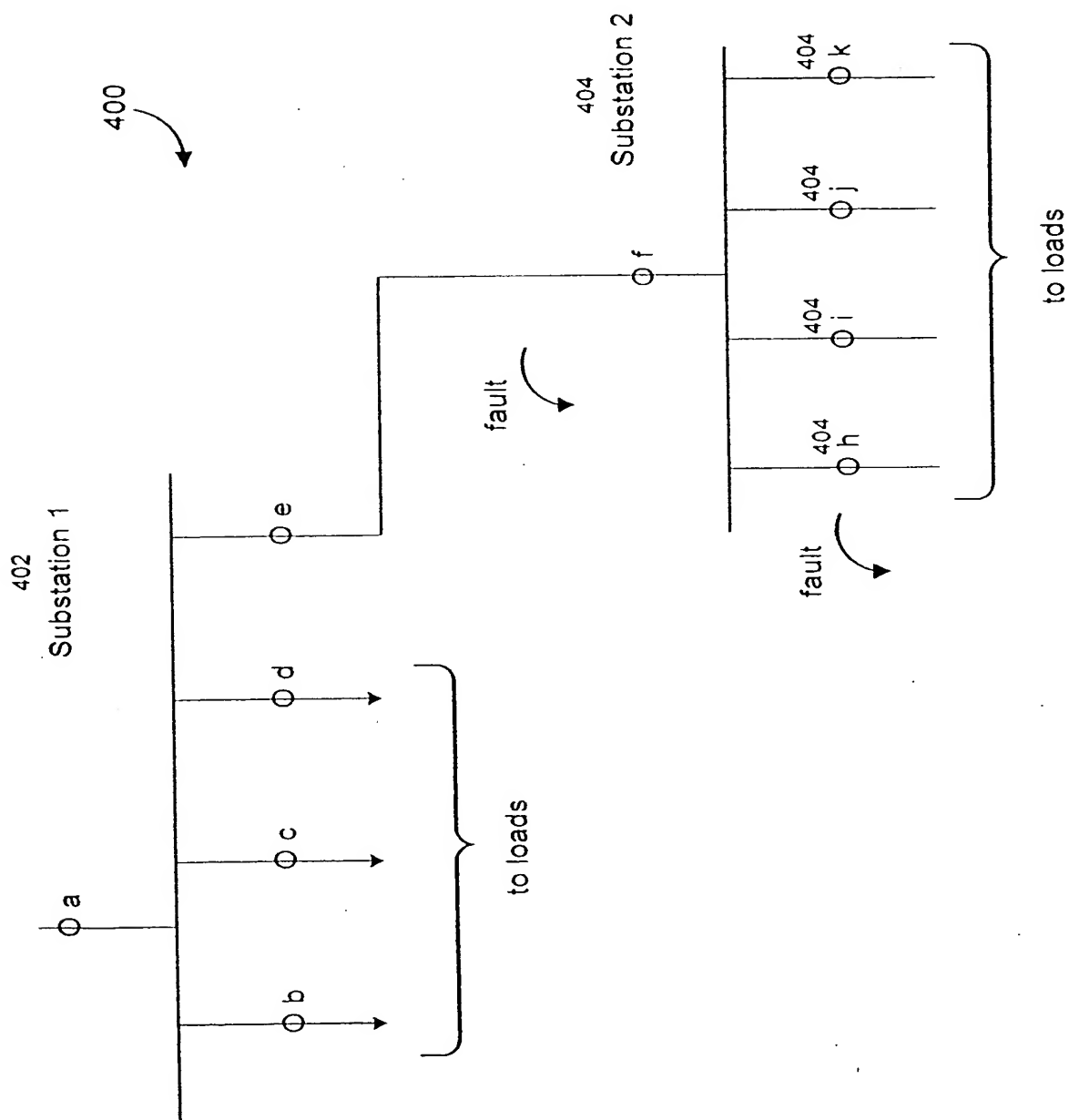


FIG. 5

FIG. 6

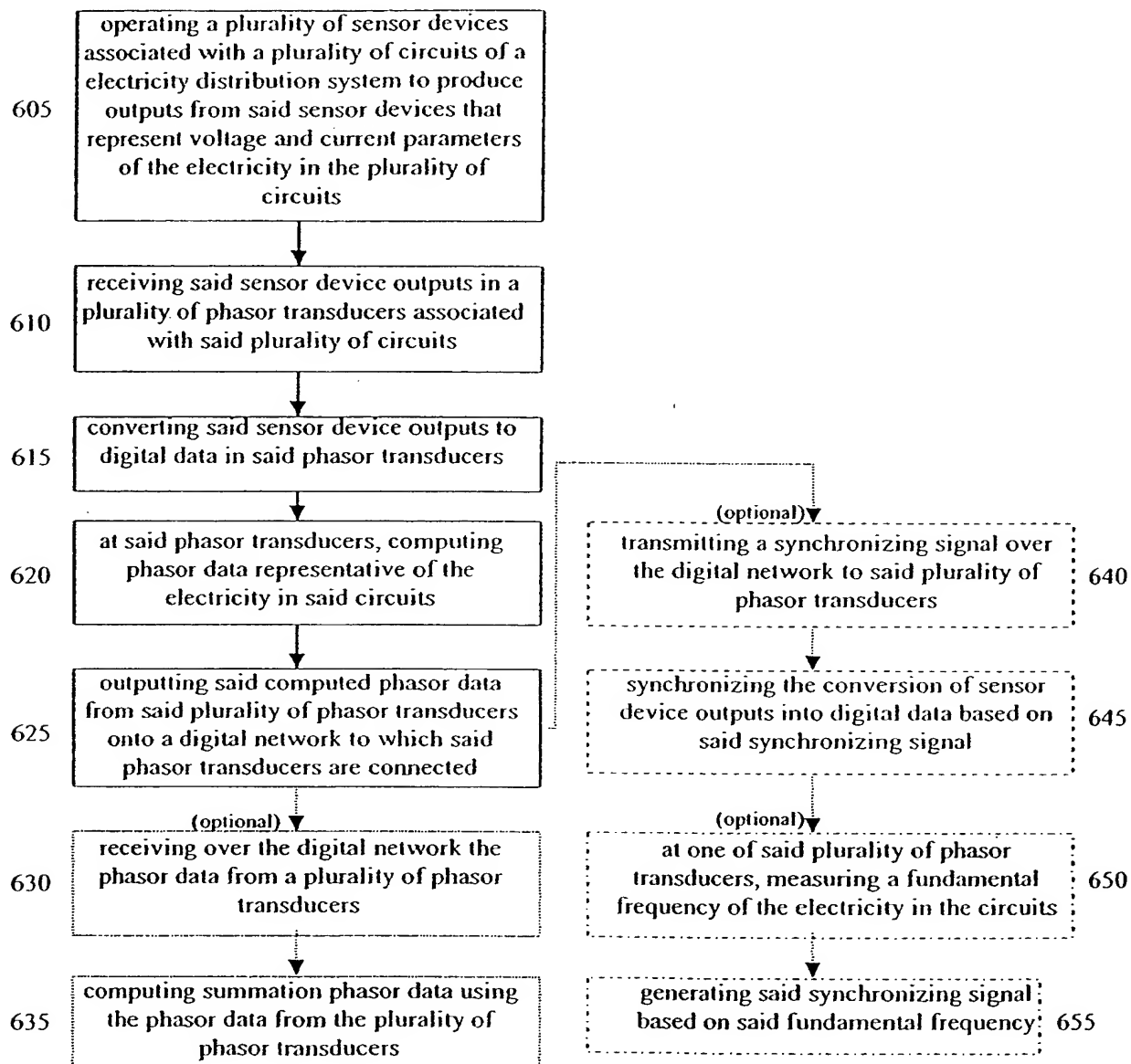


FIG. 7

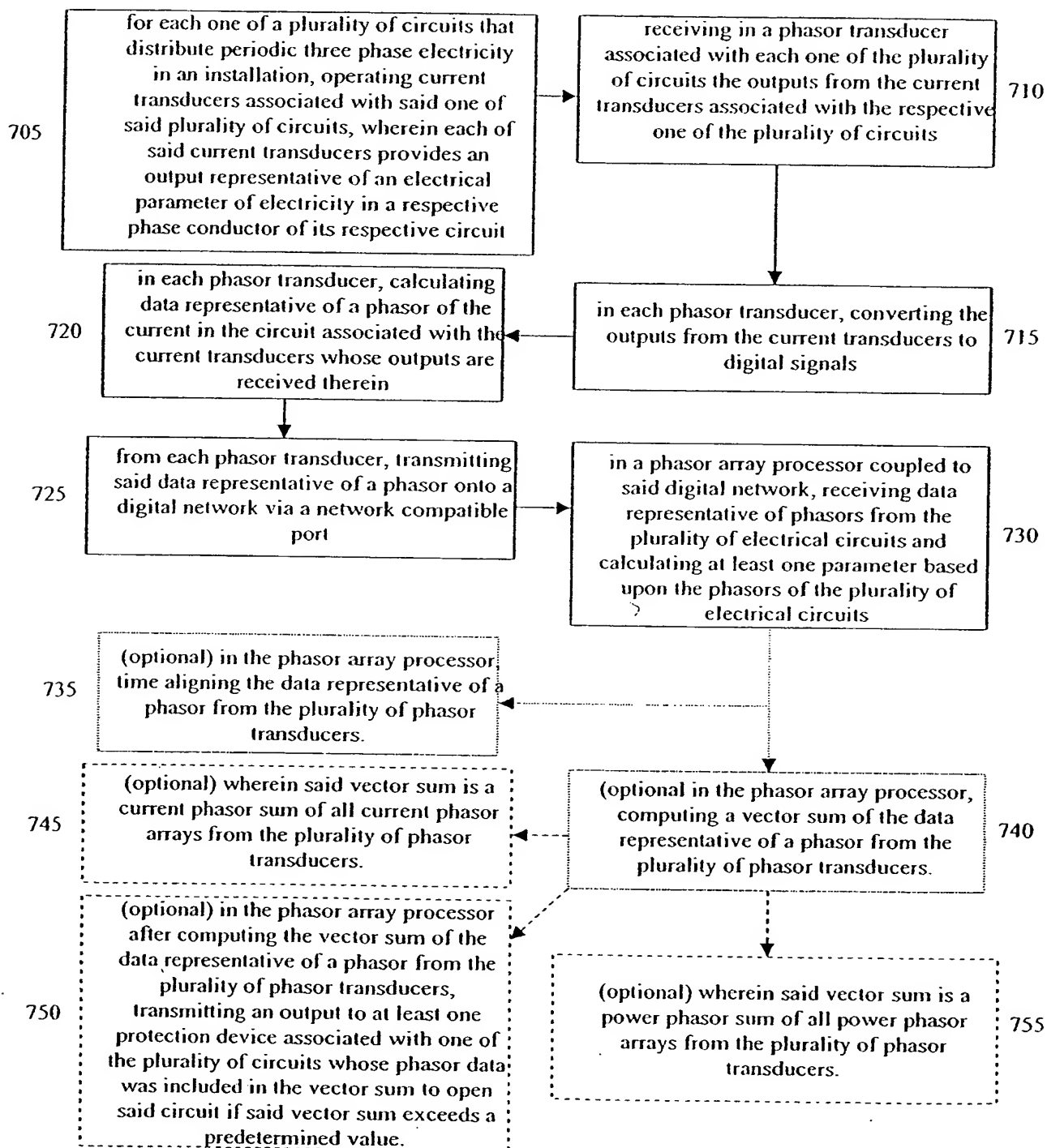


FIG. 8

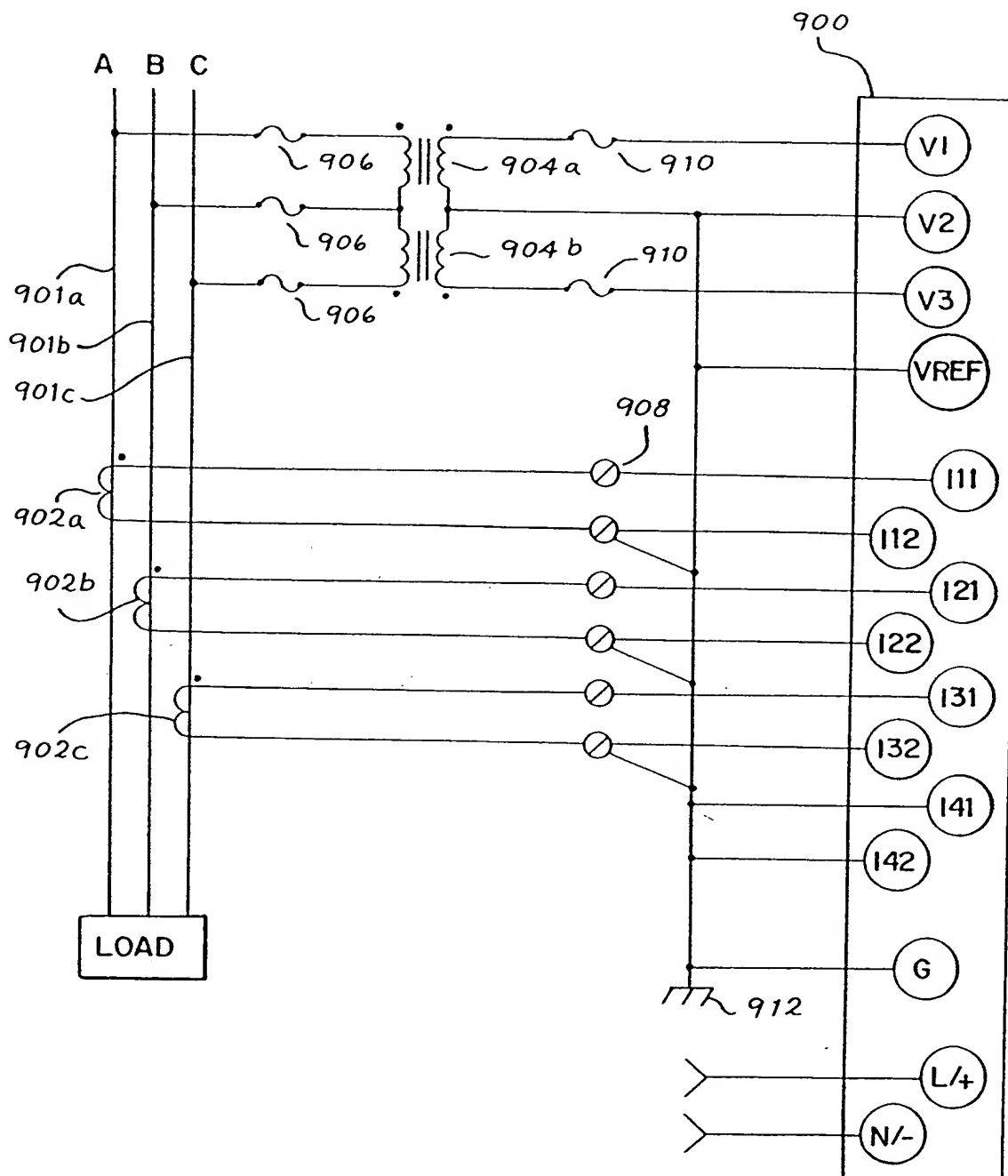


FIG. 9

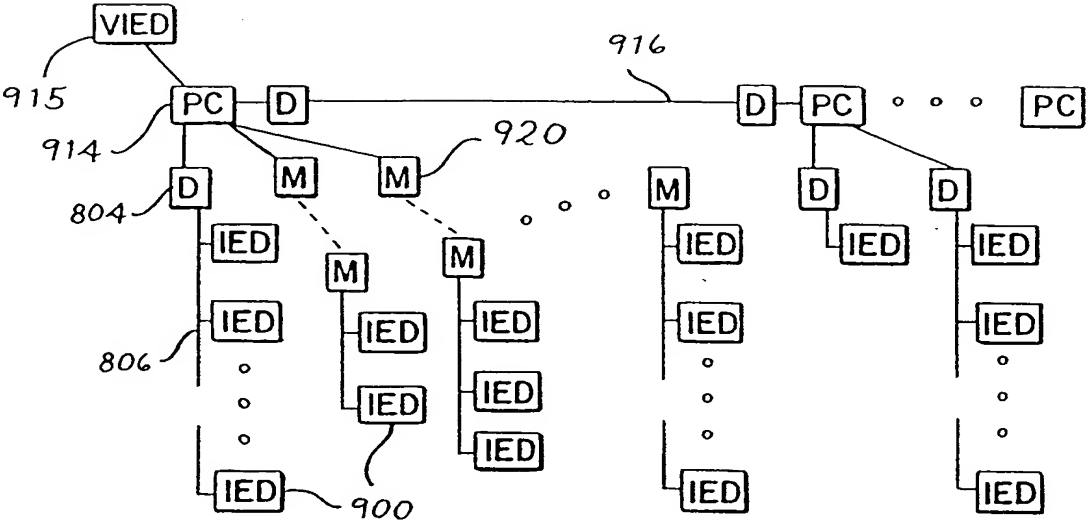


FIG. 11

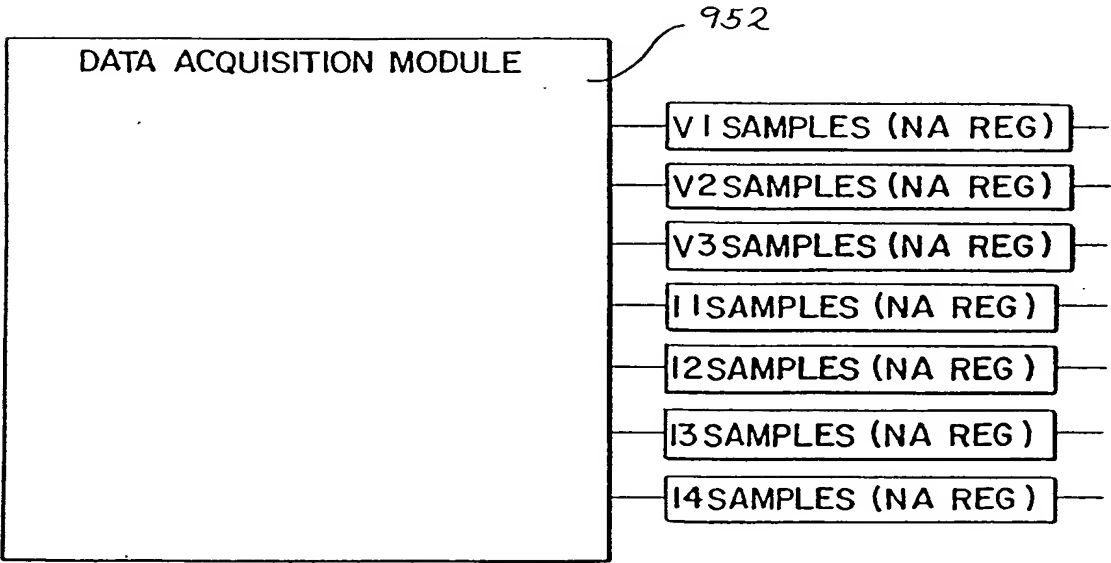
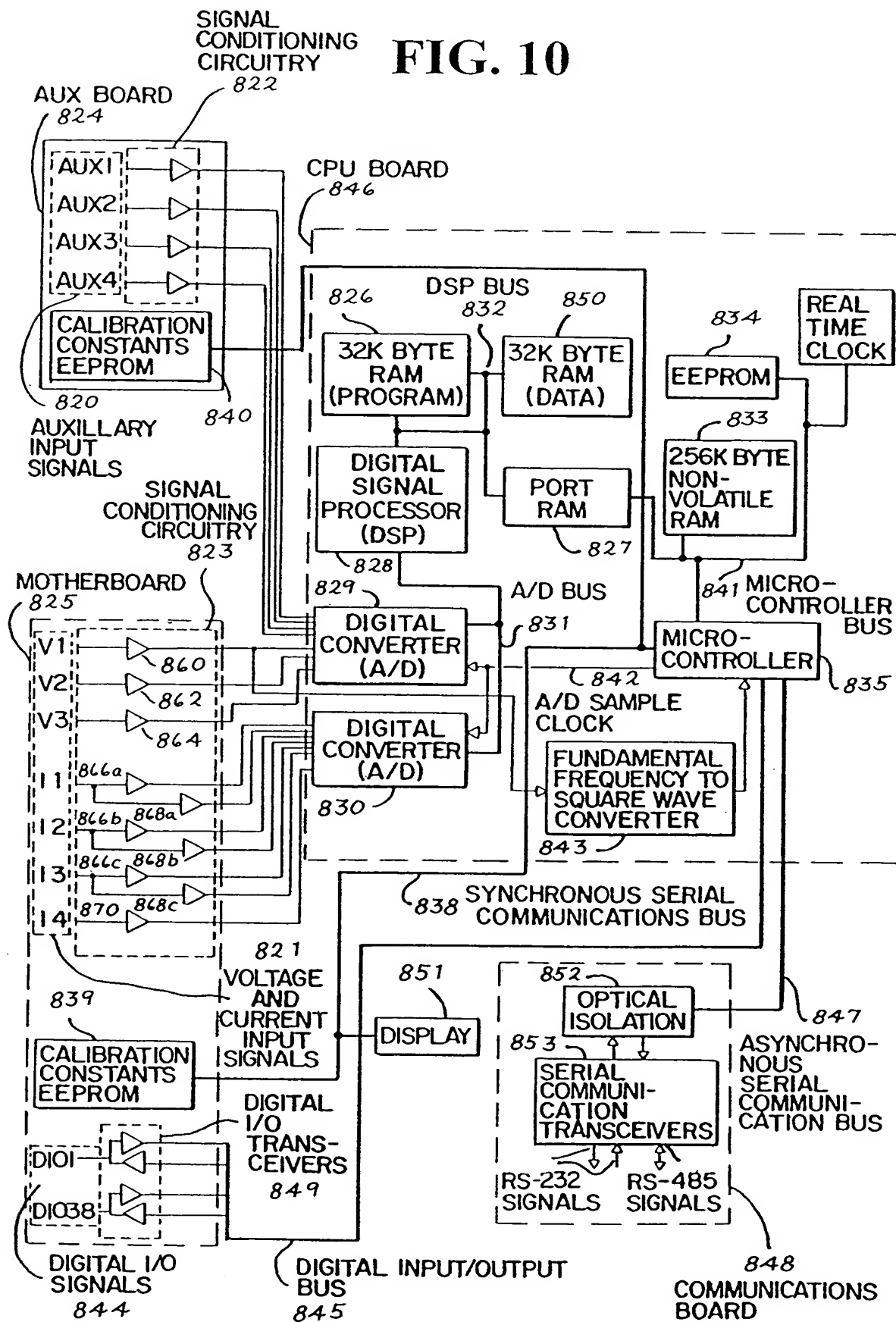


FIG. 10



11 86 207

DATA ACQUISITION
MODULE
OPERATION (CLIENT
PORTION)

FIG. 11A

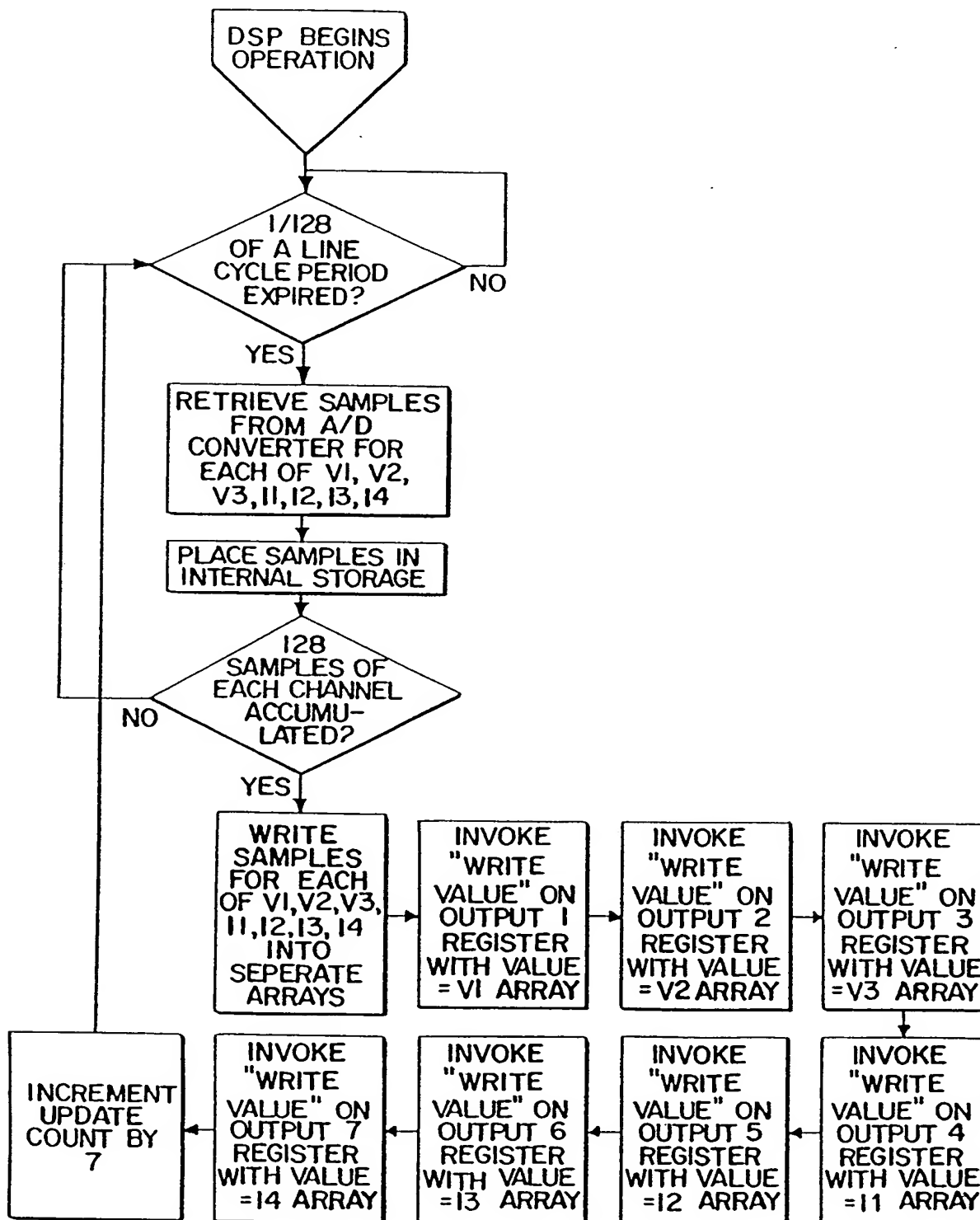


FIG. 12

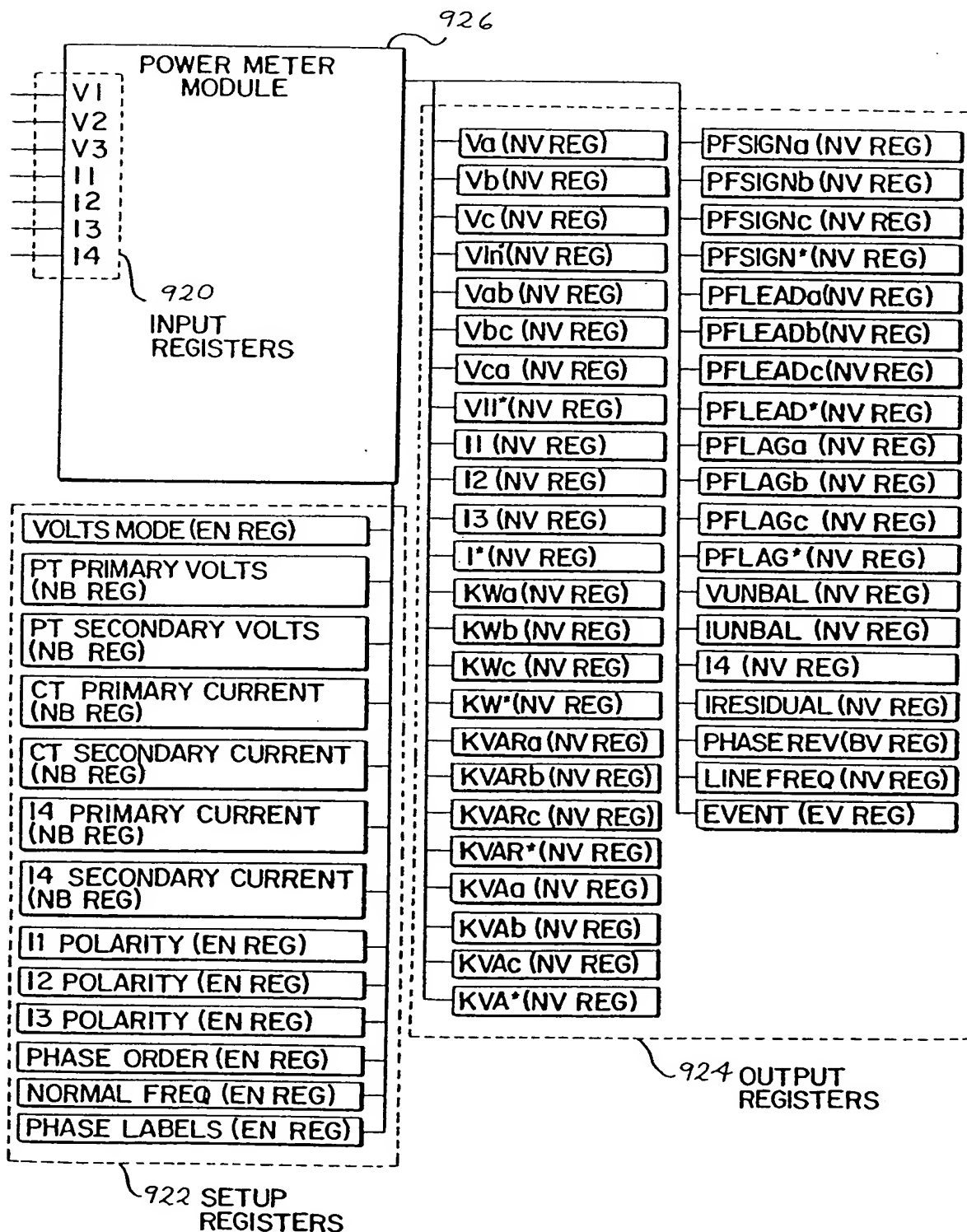
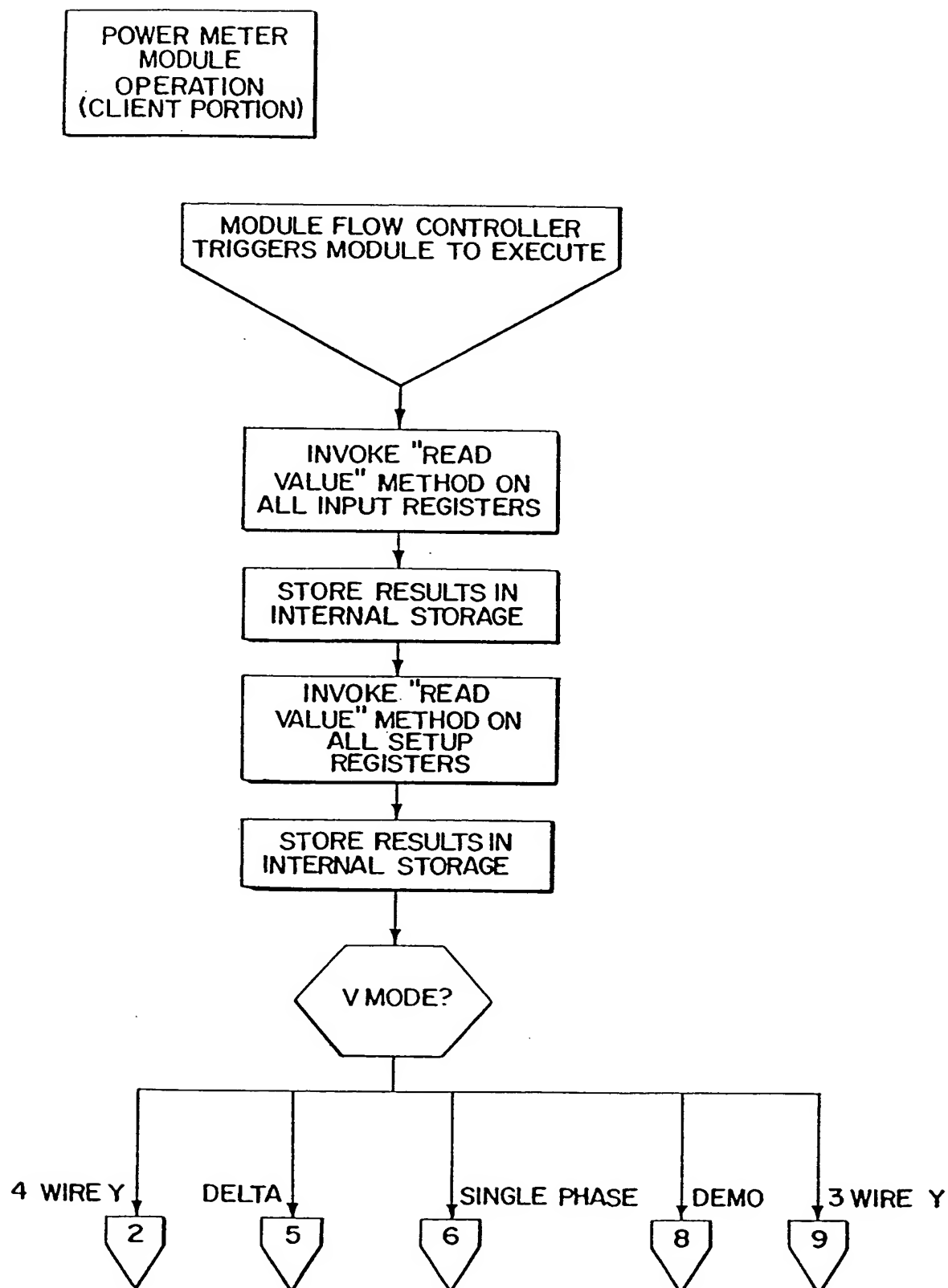


FIG. 12A



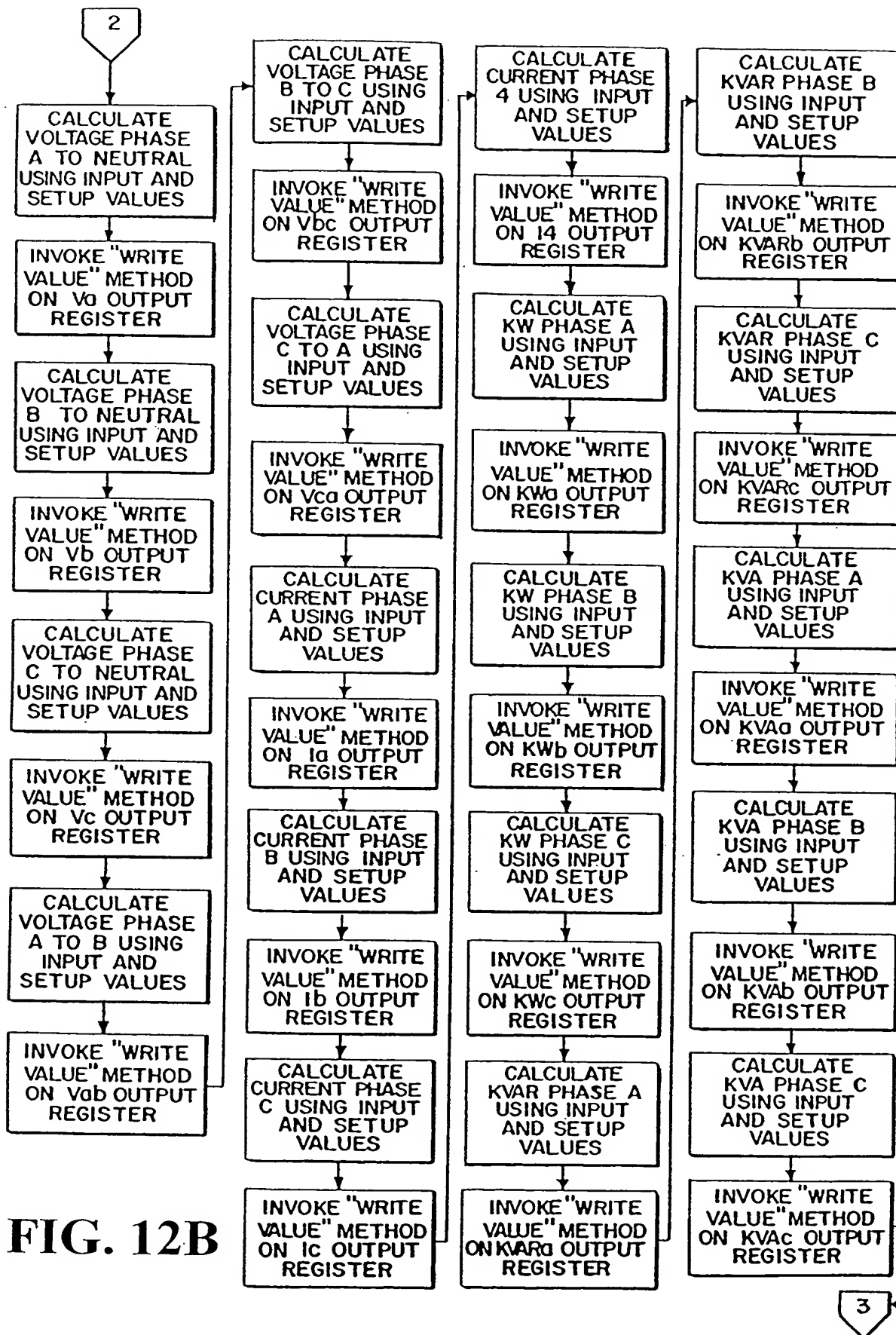
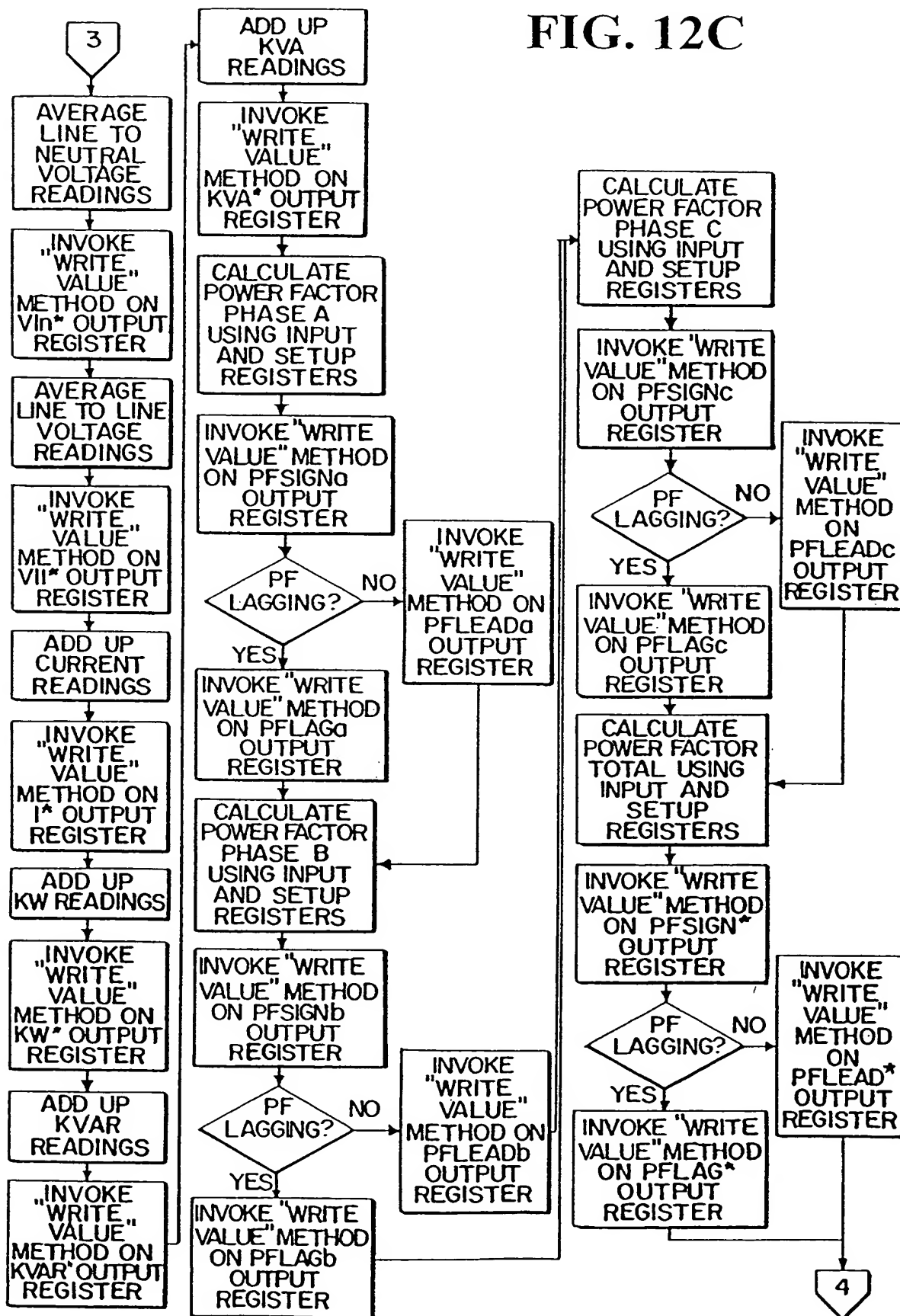


FIG. 12C



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FIG. 12D

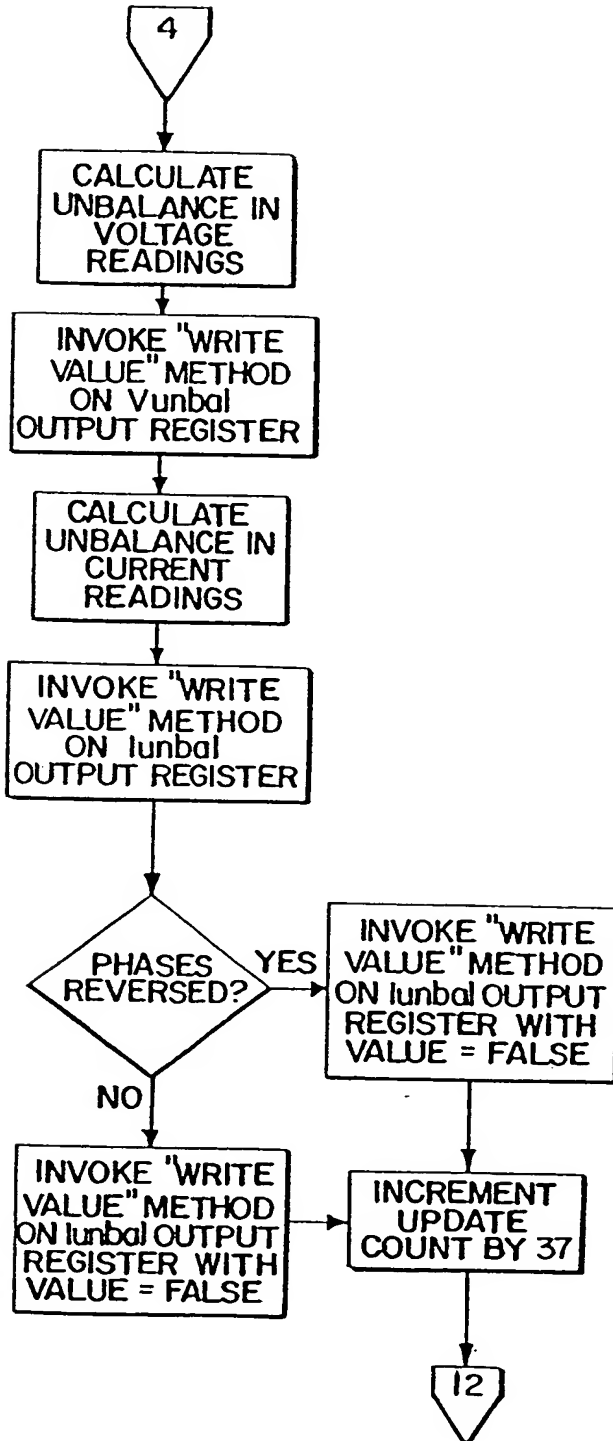


FIG. 12H

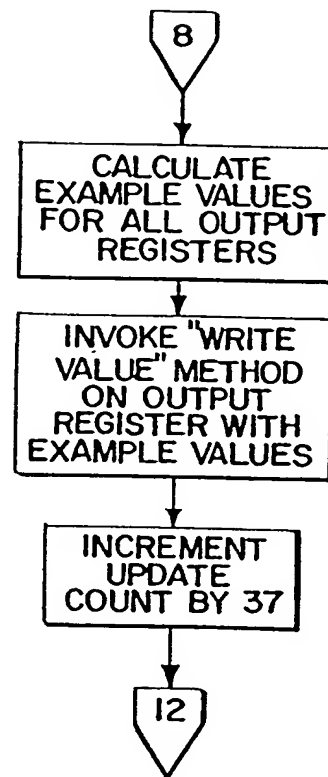


FIG. 12E

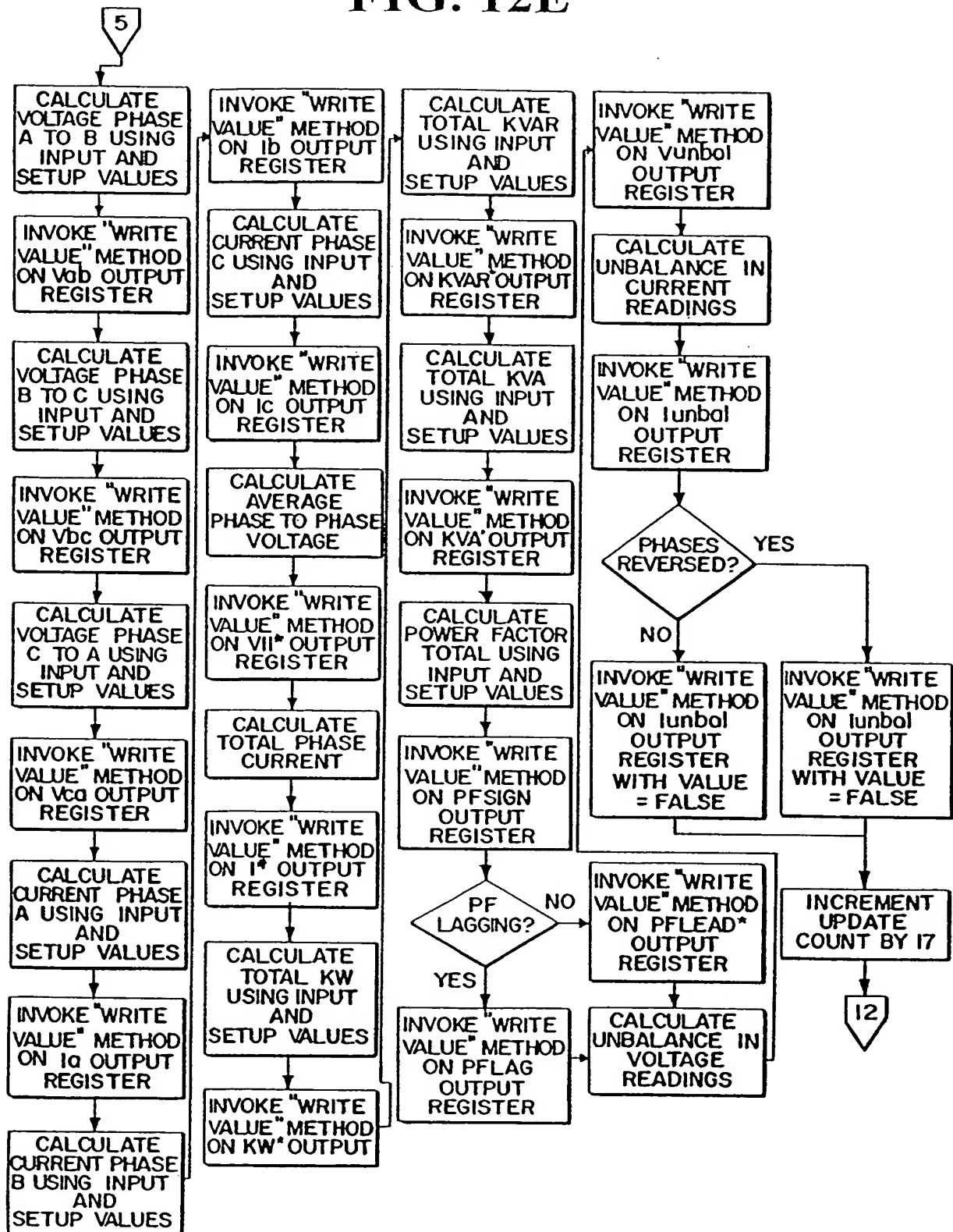


FIG. 12F

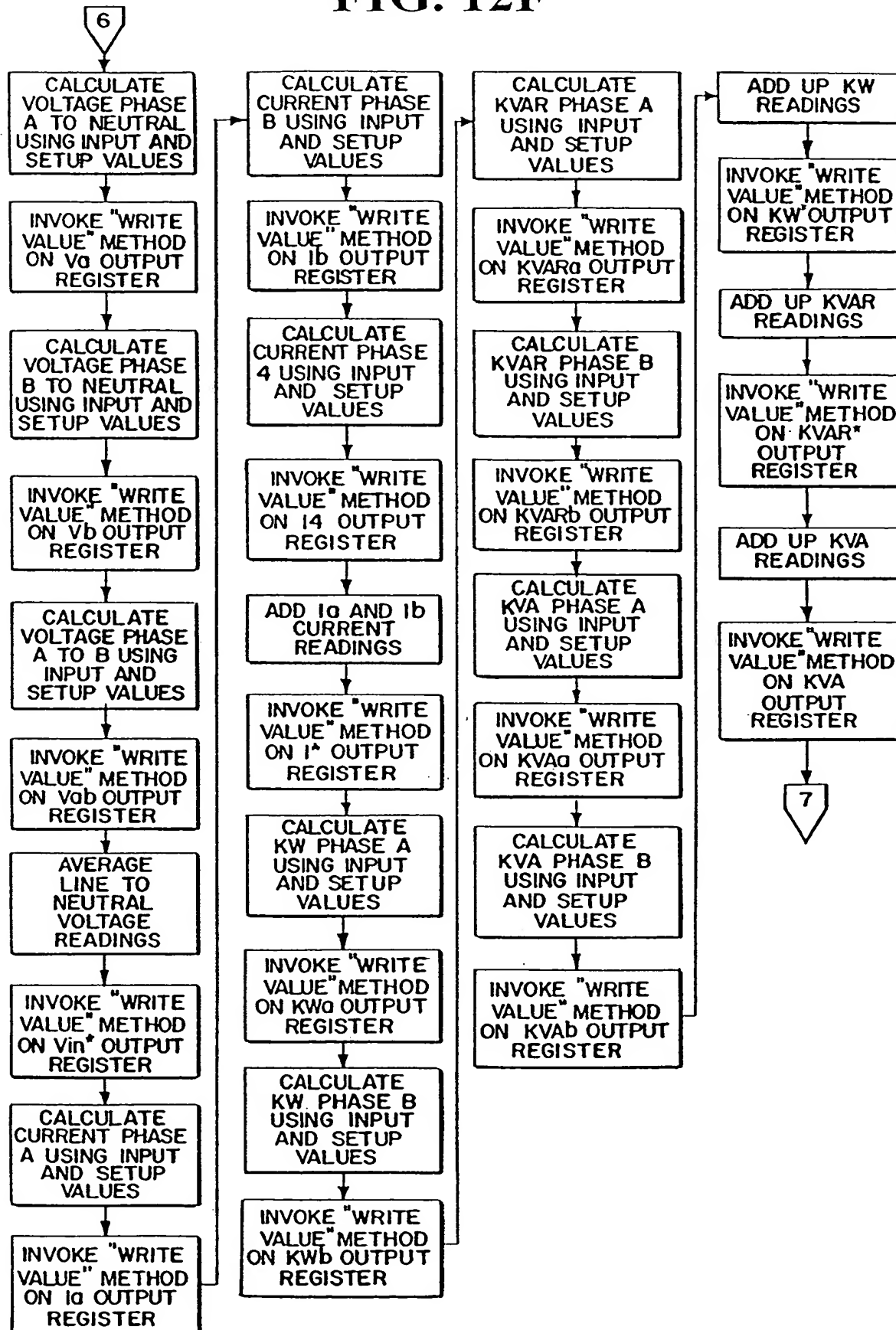
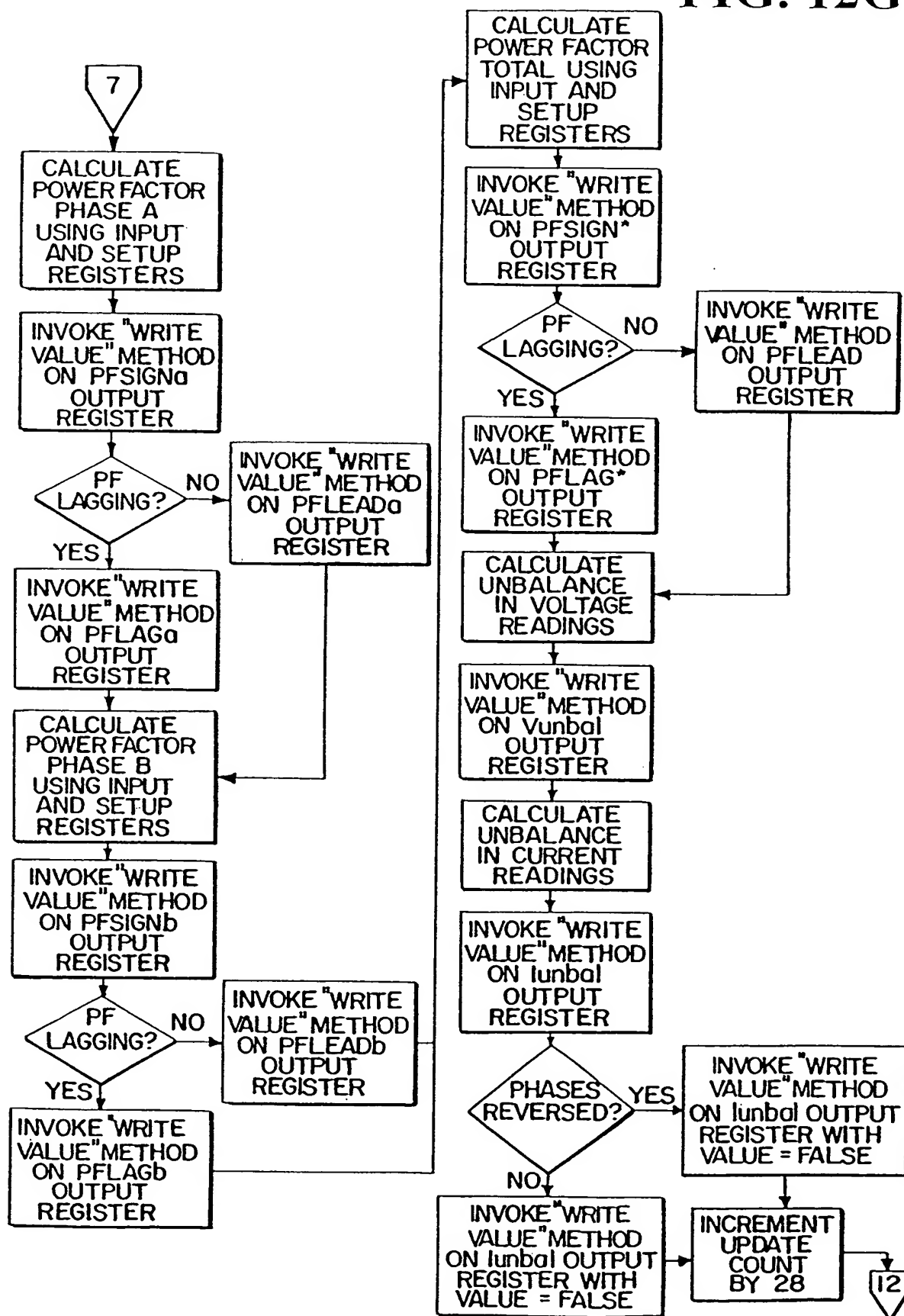


FIG. 12G



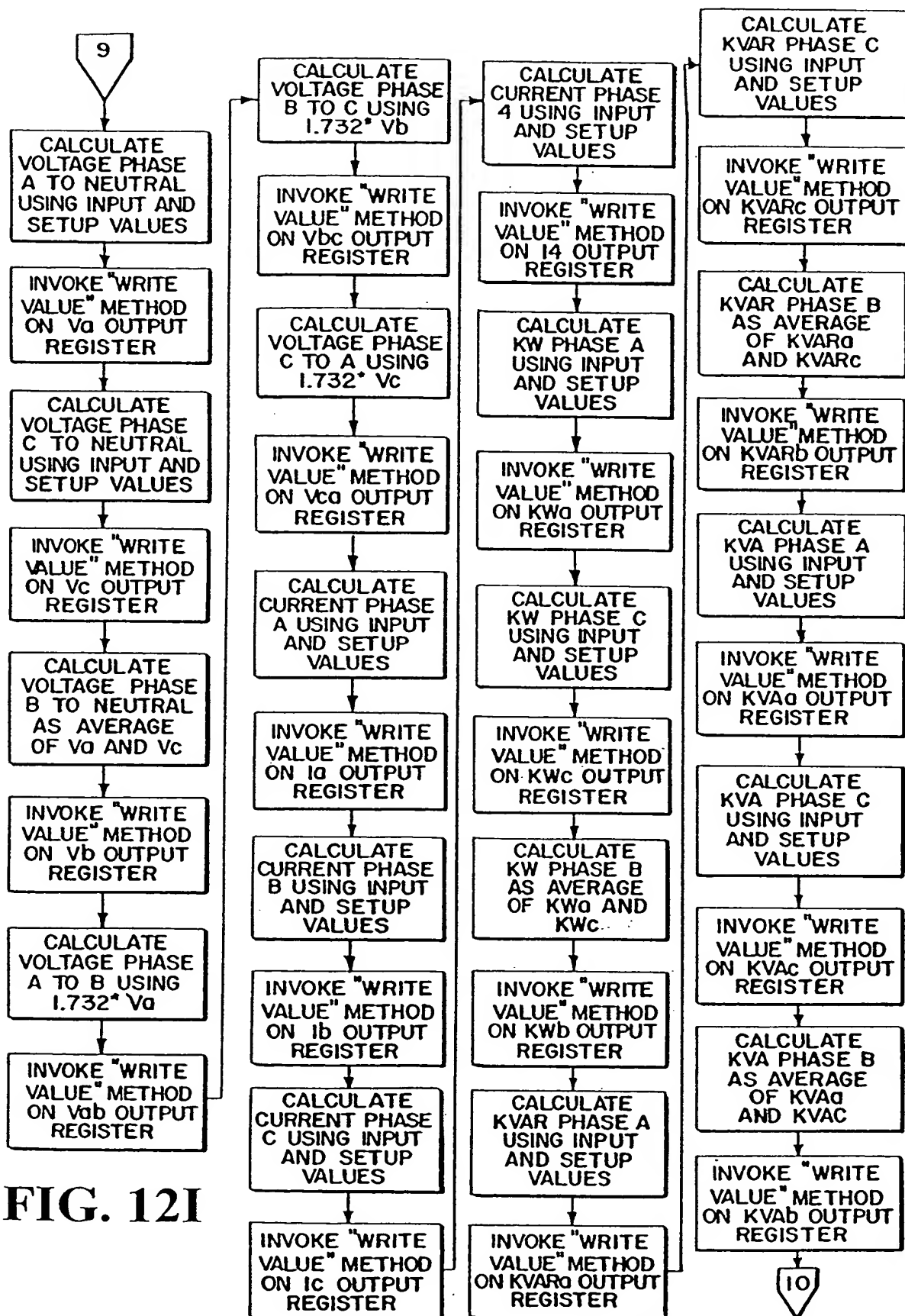


FIG. 12I

FIG. 12J

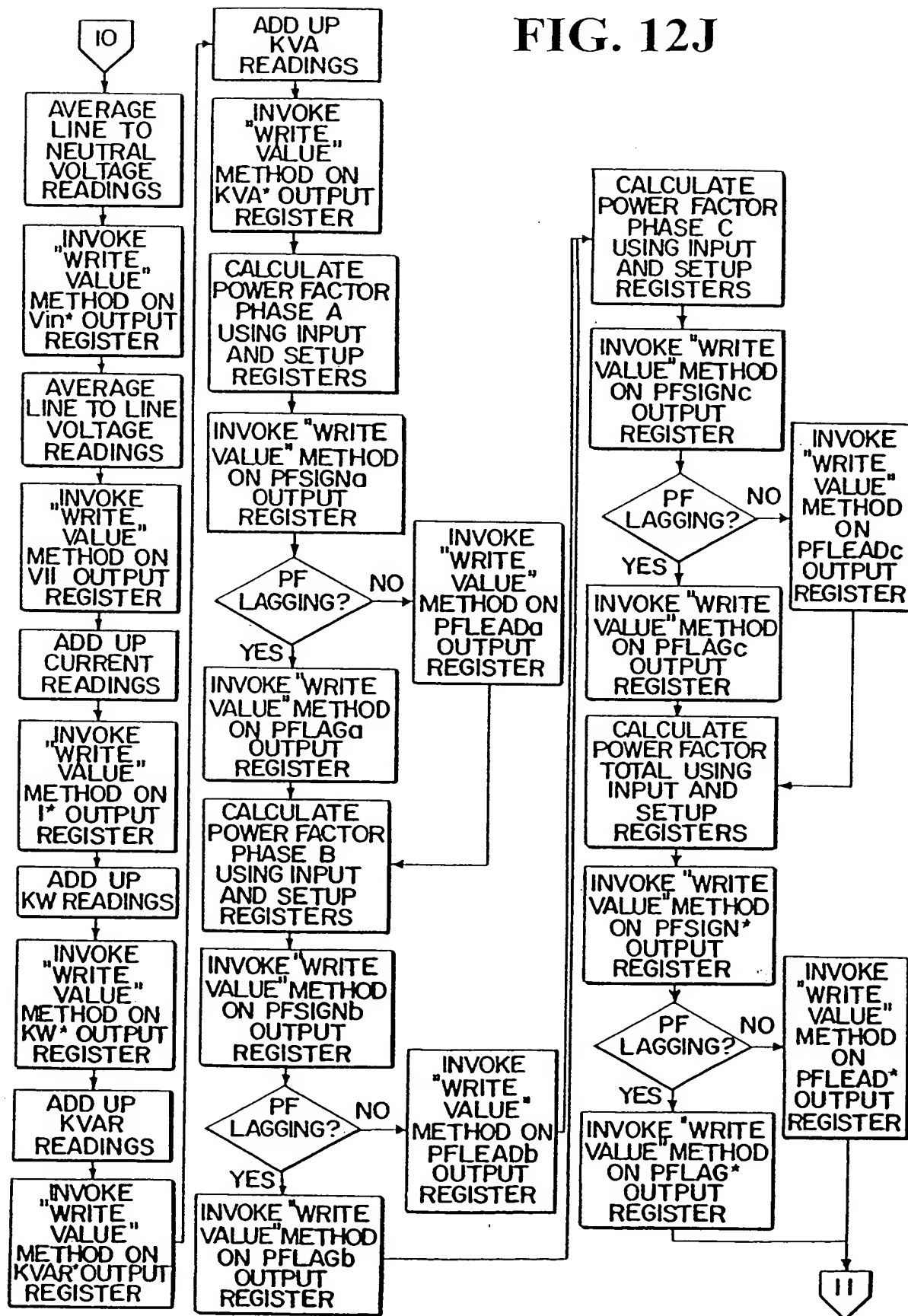


FIG. 12K

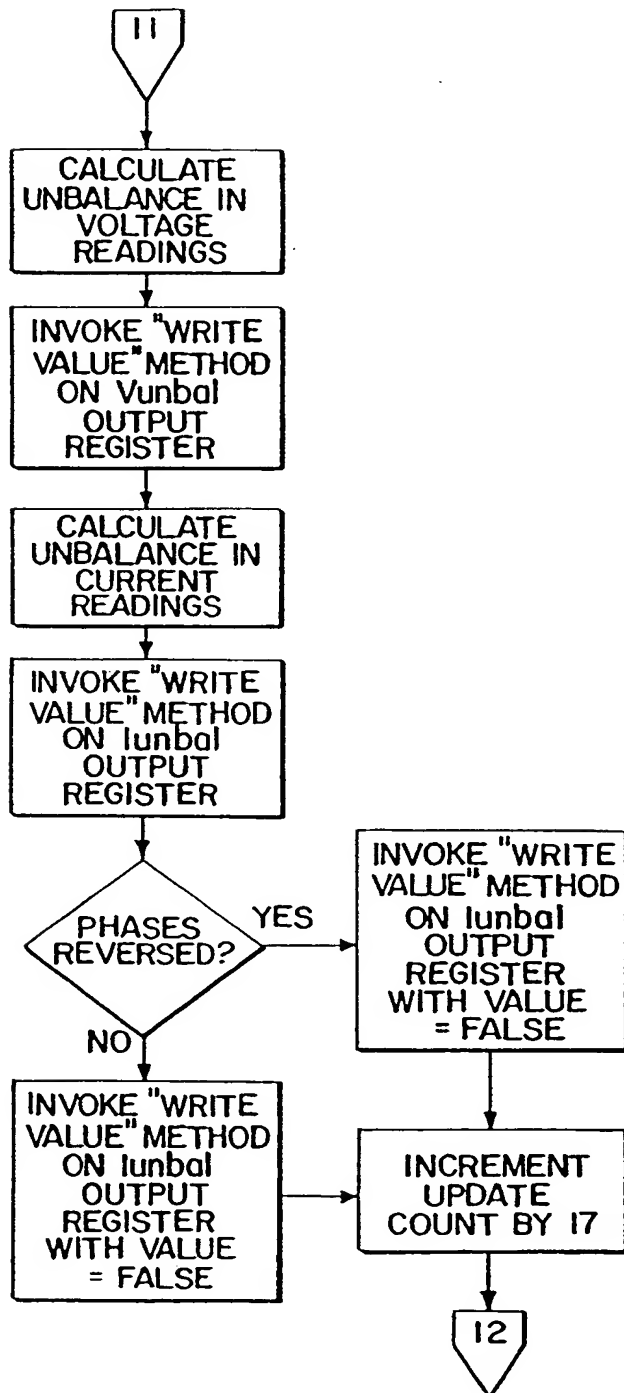


FIG. 12L

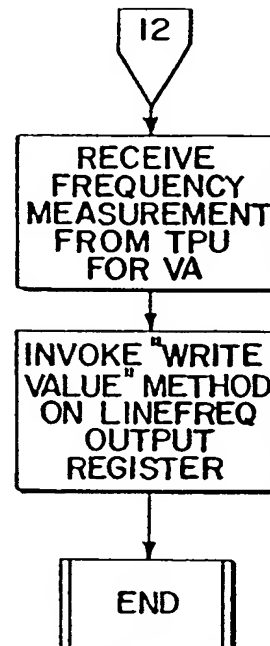


FIG. 13

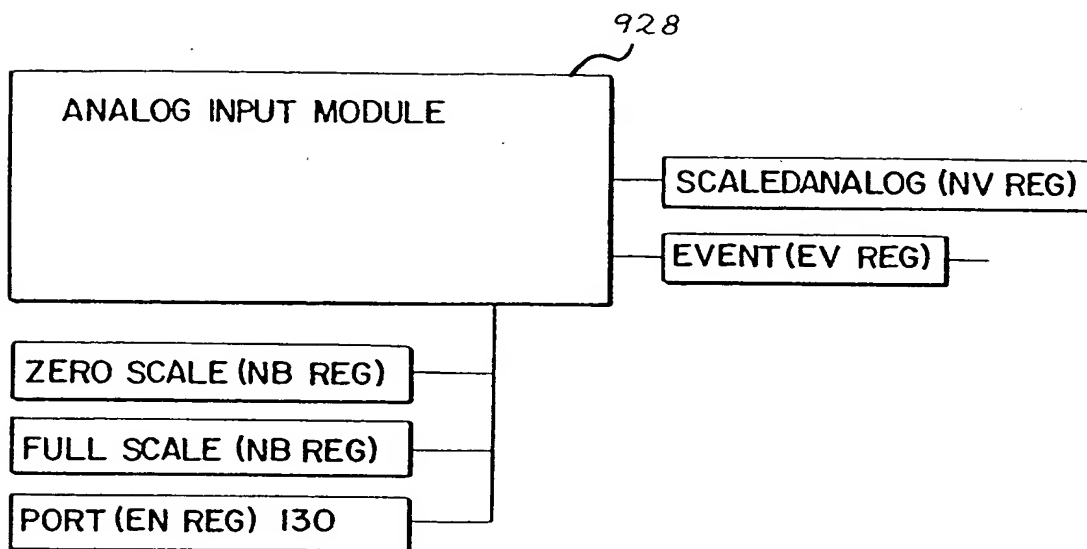


FIG. 14

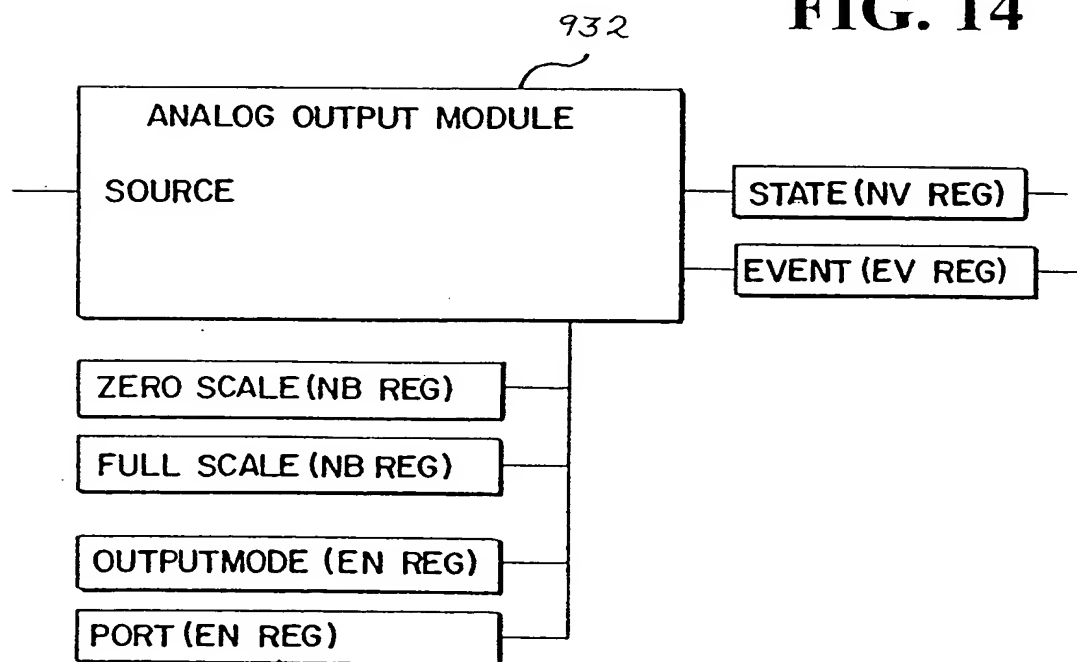


FIG. 13A

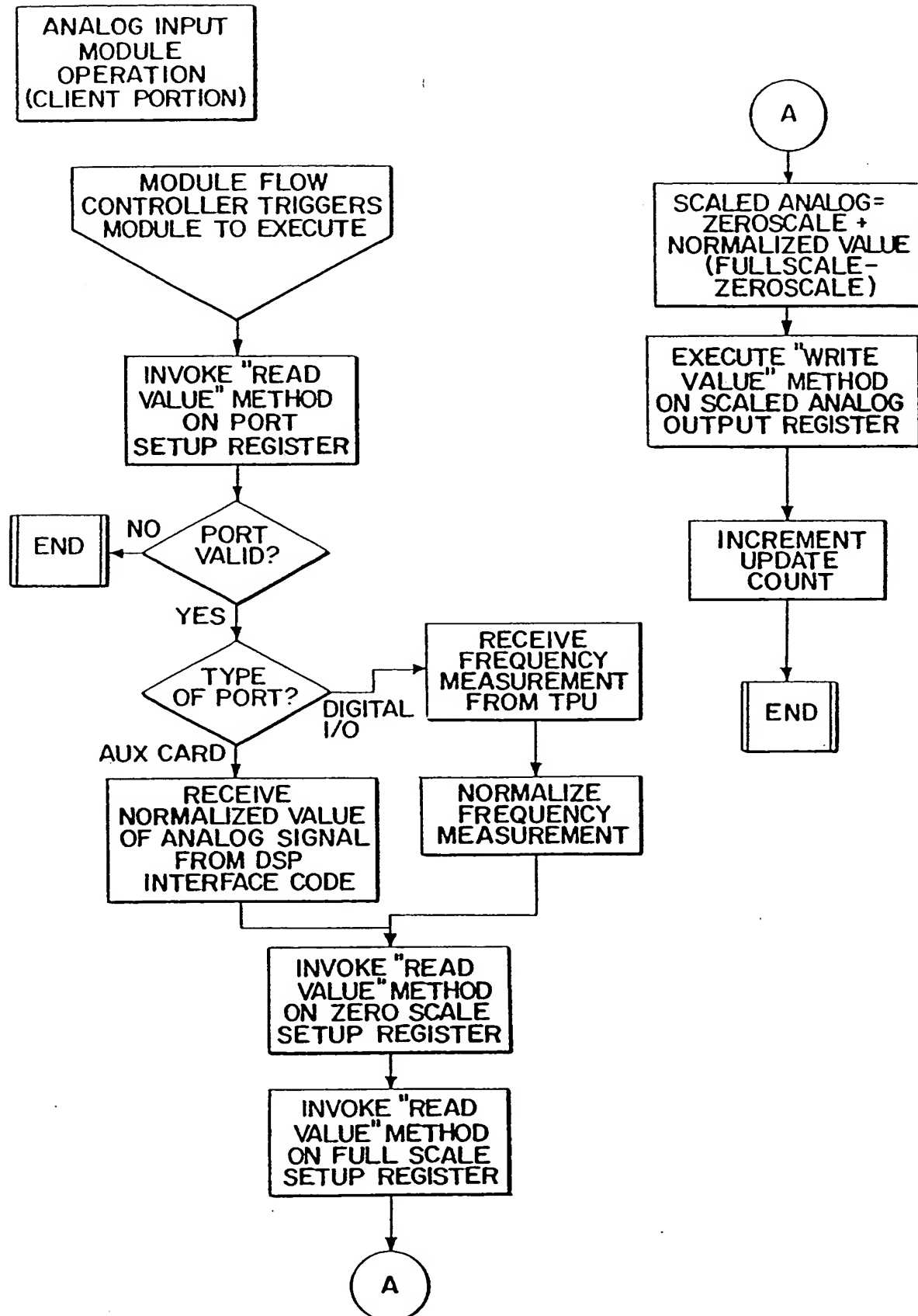


FIG. 14A

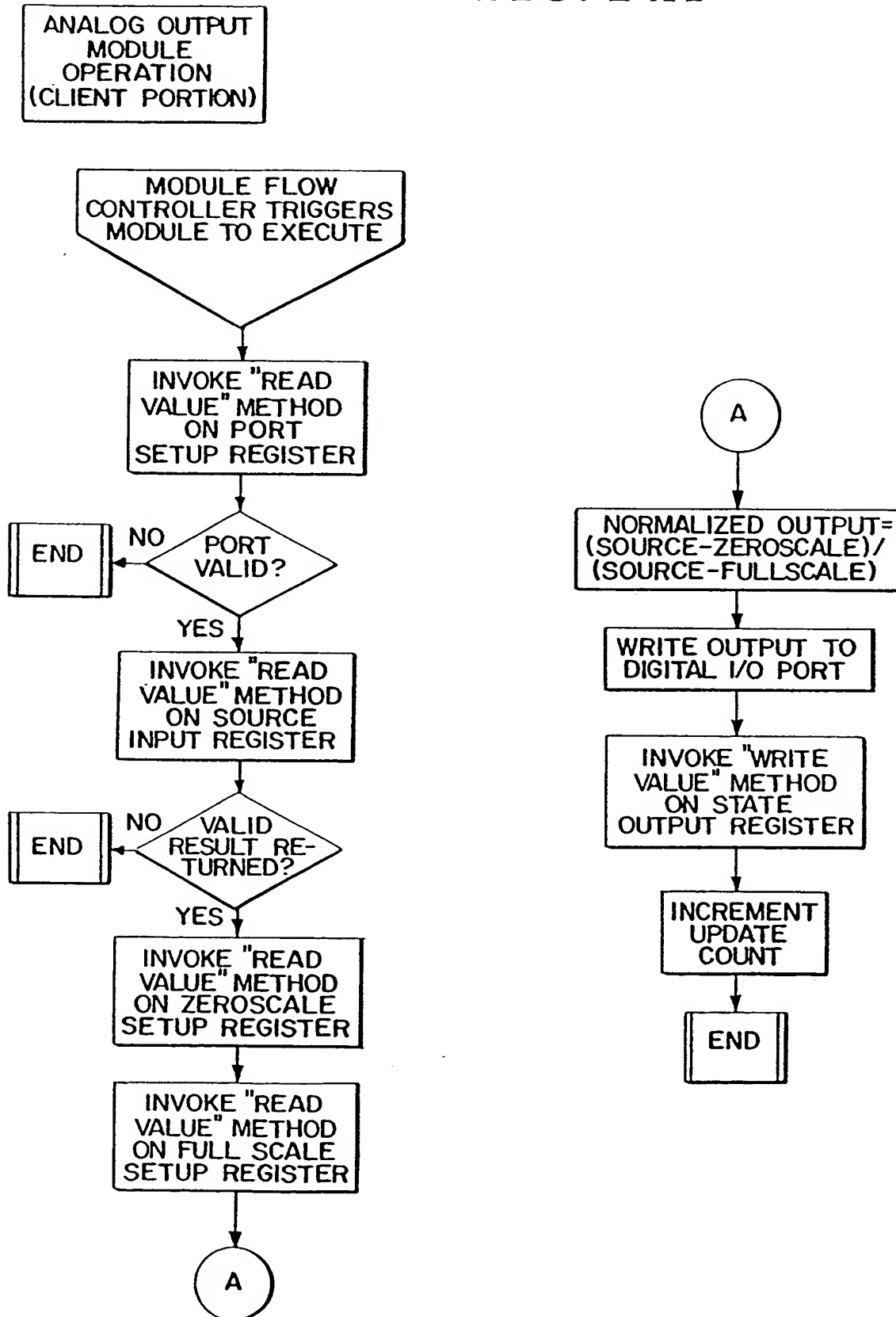


FIG. 15

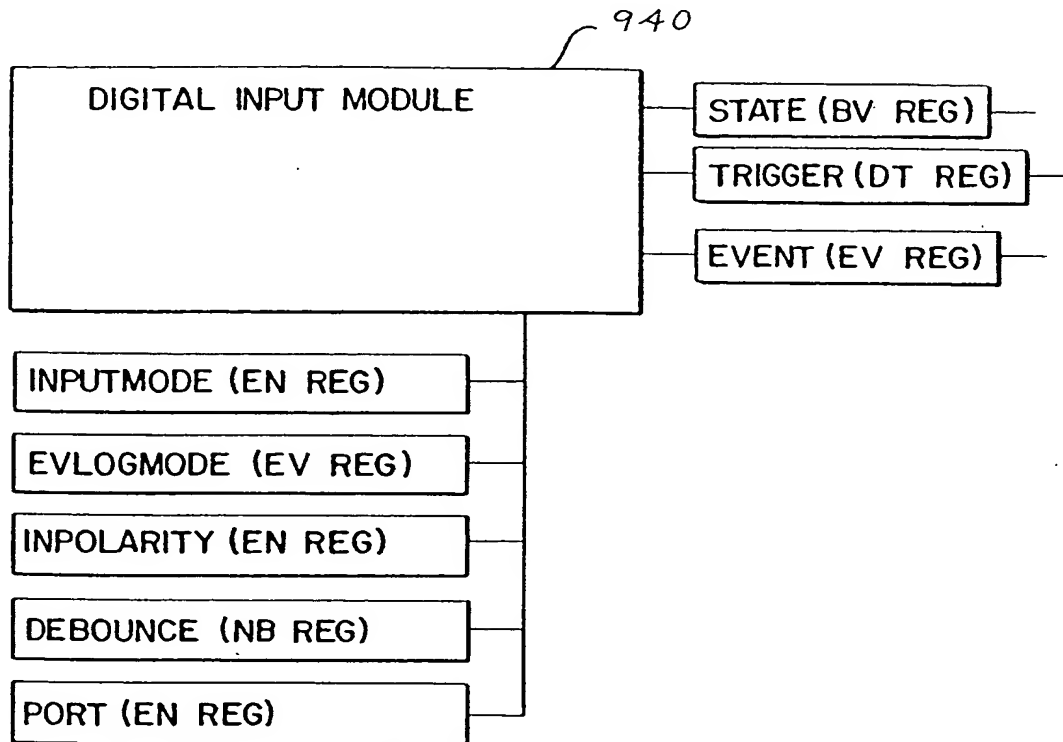


FIG. 16

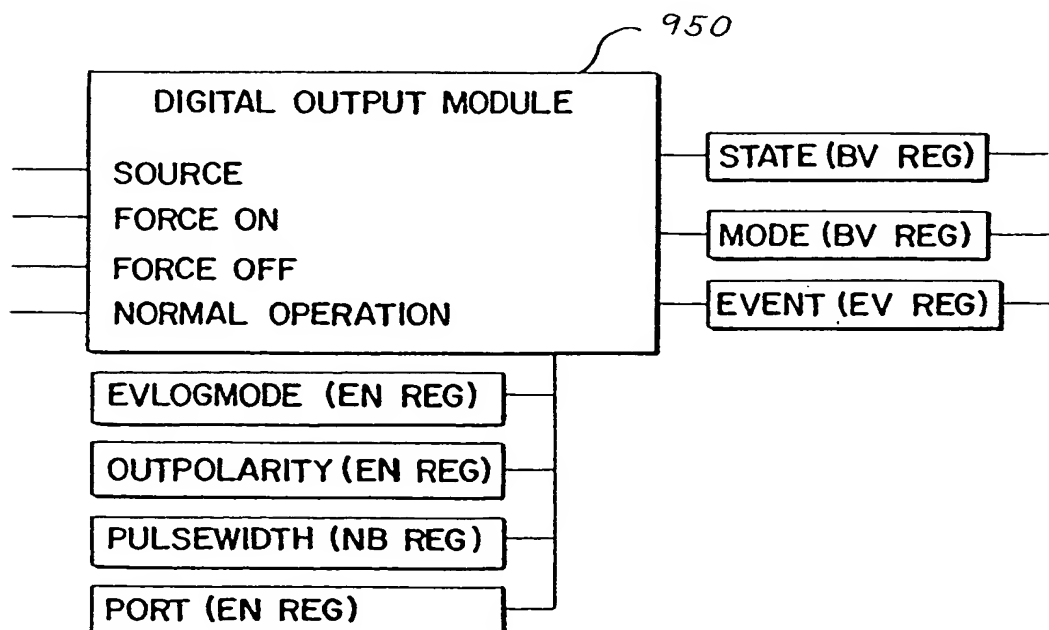


FIG. 15A

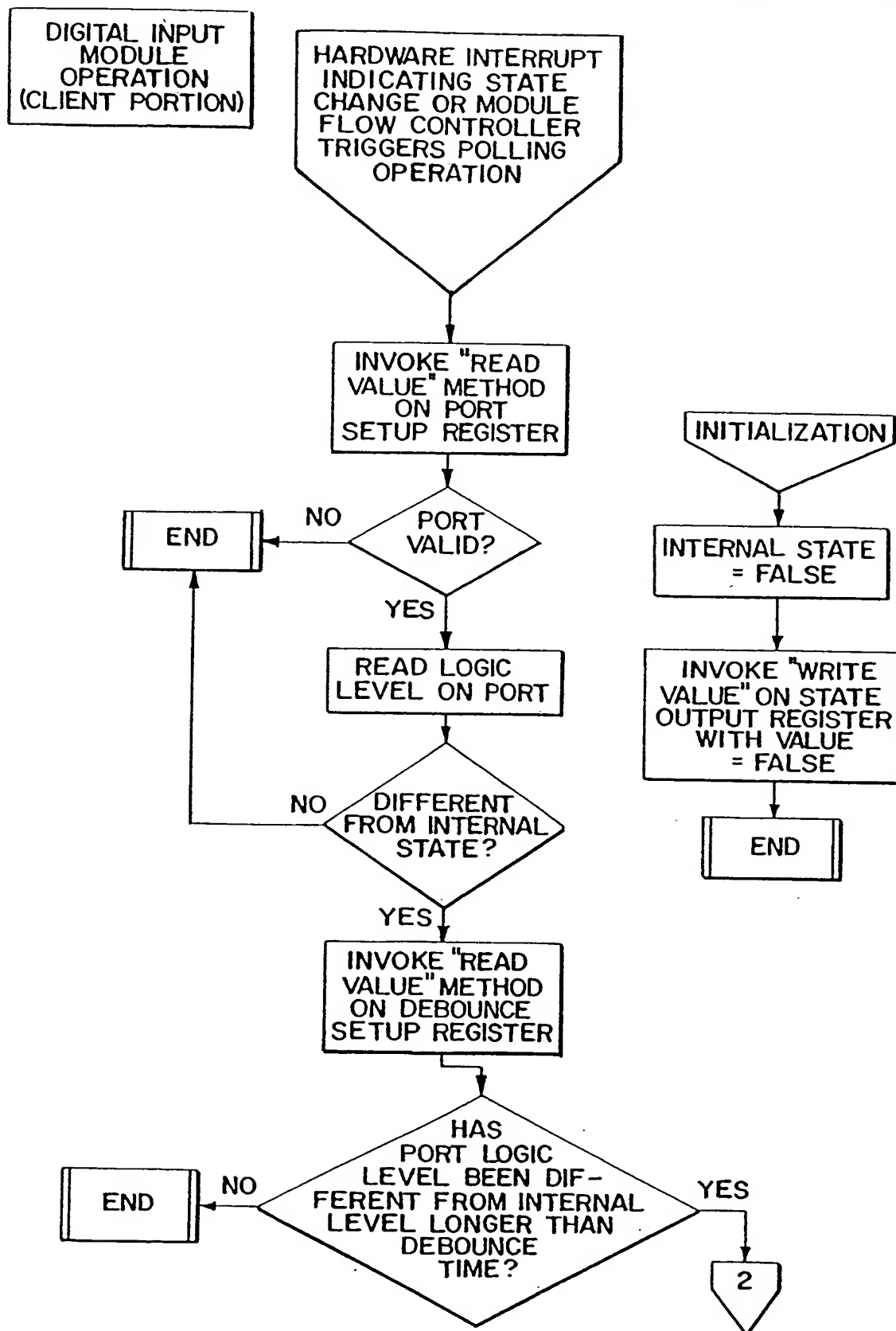
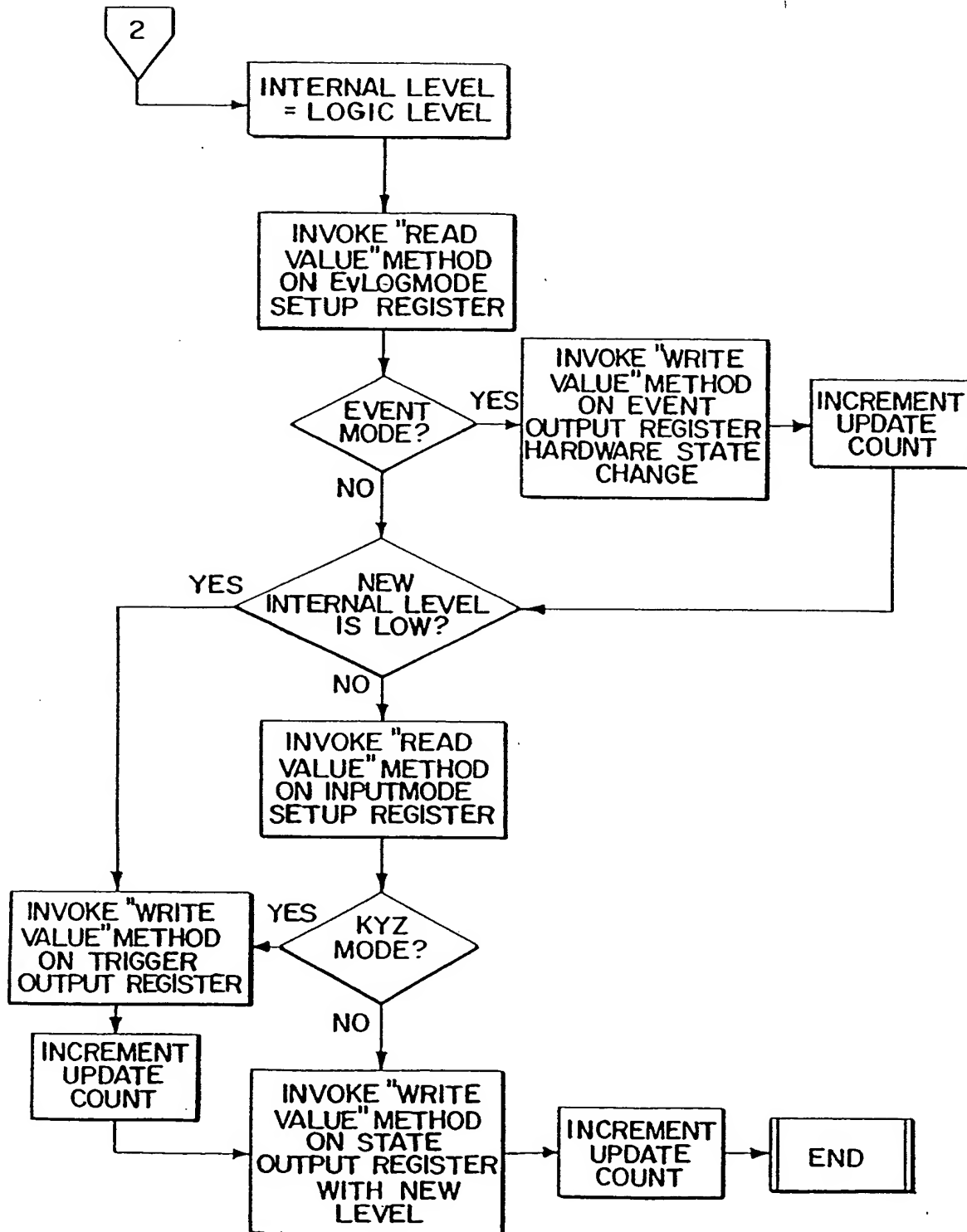


FIG. 15B



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FIG. 16A

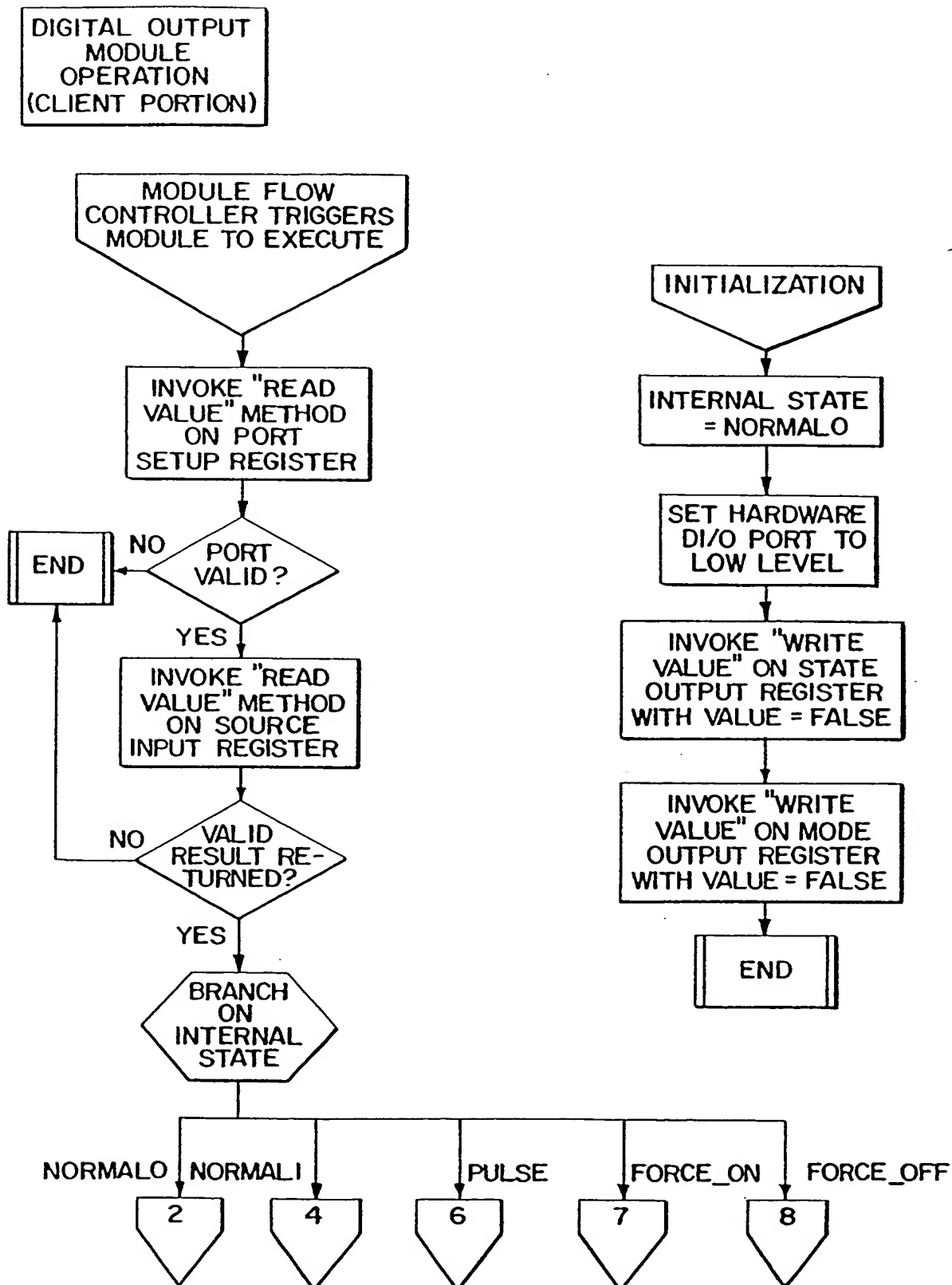


FIG. 16B

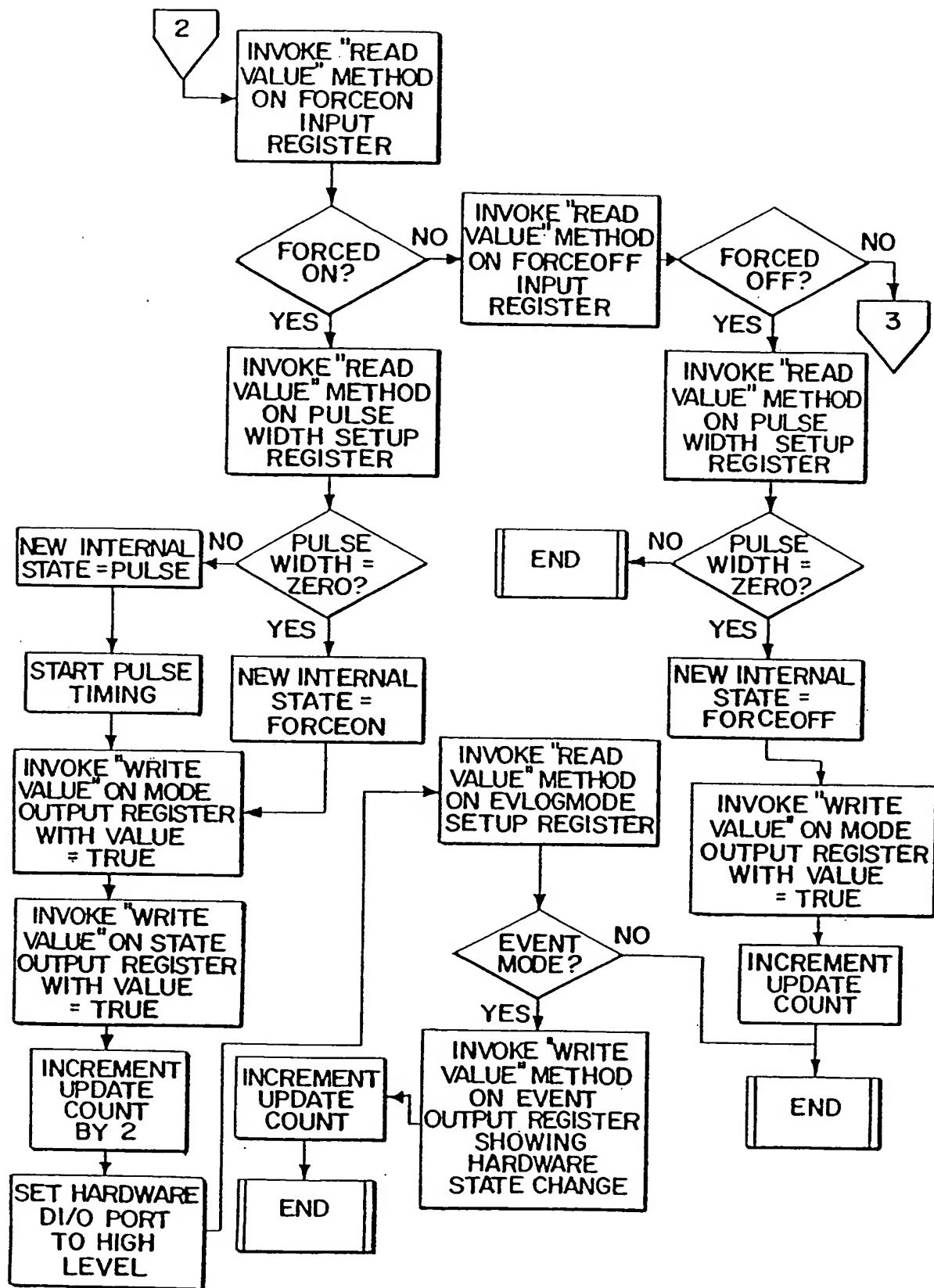


FIG. 16C

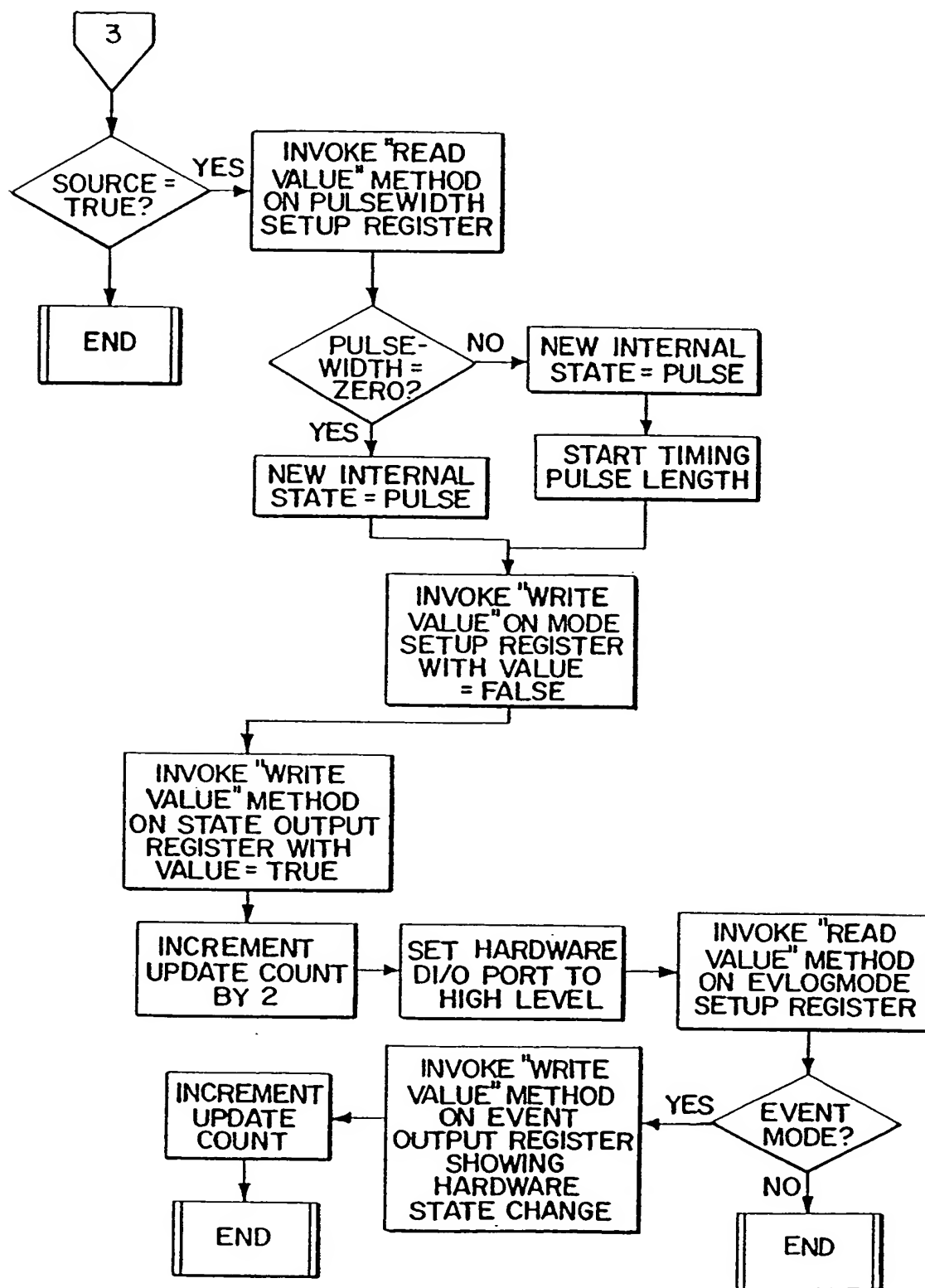


FIG. 16D

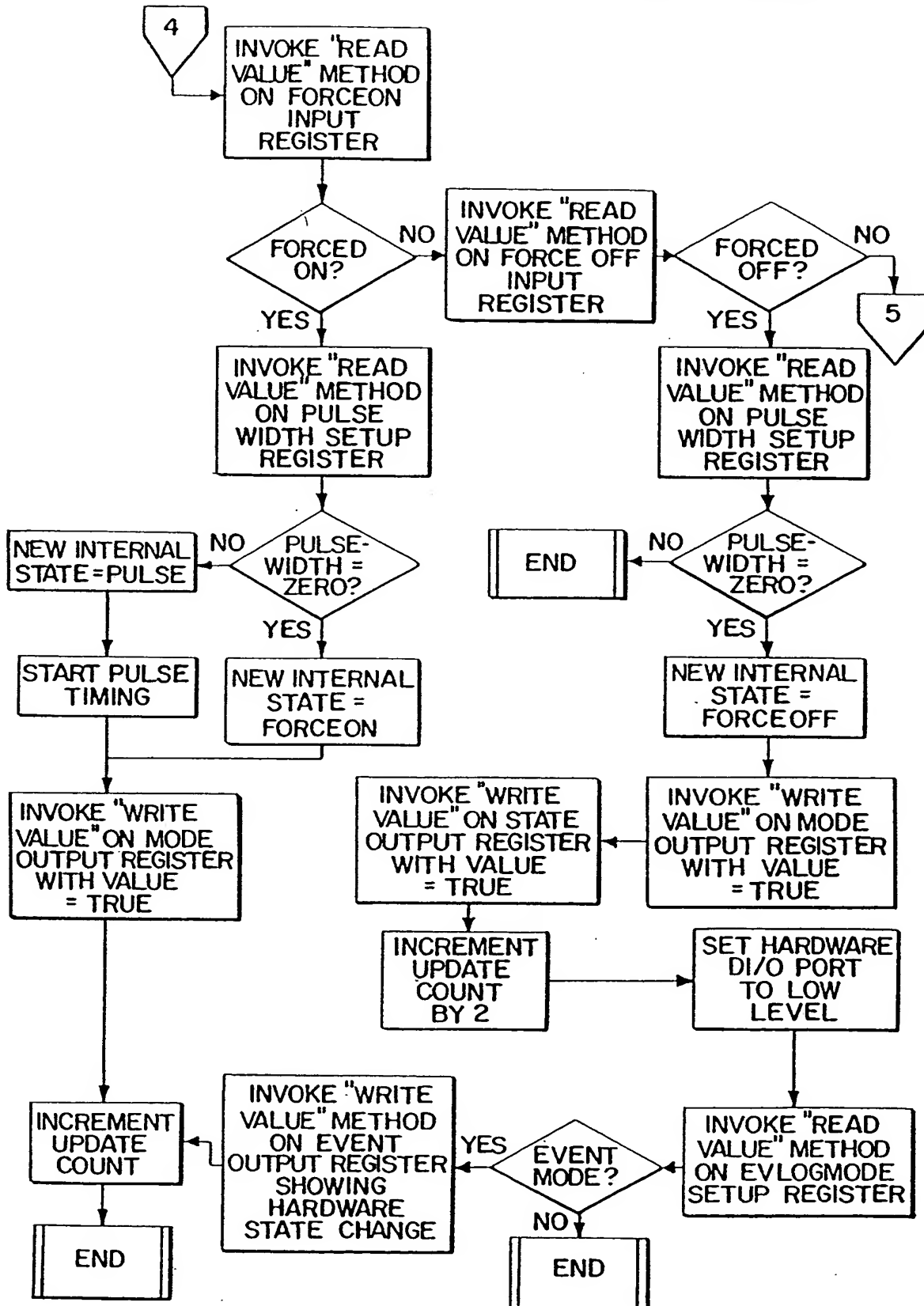


FIG. 16E

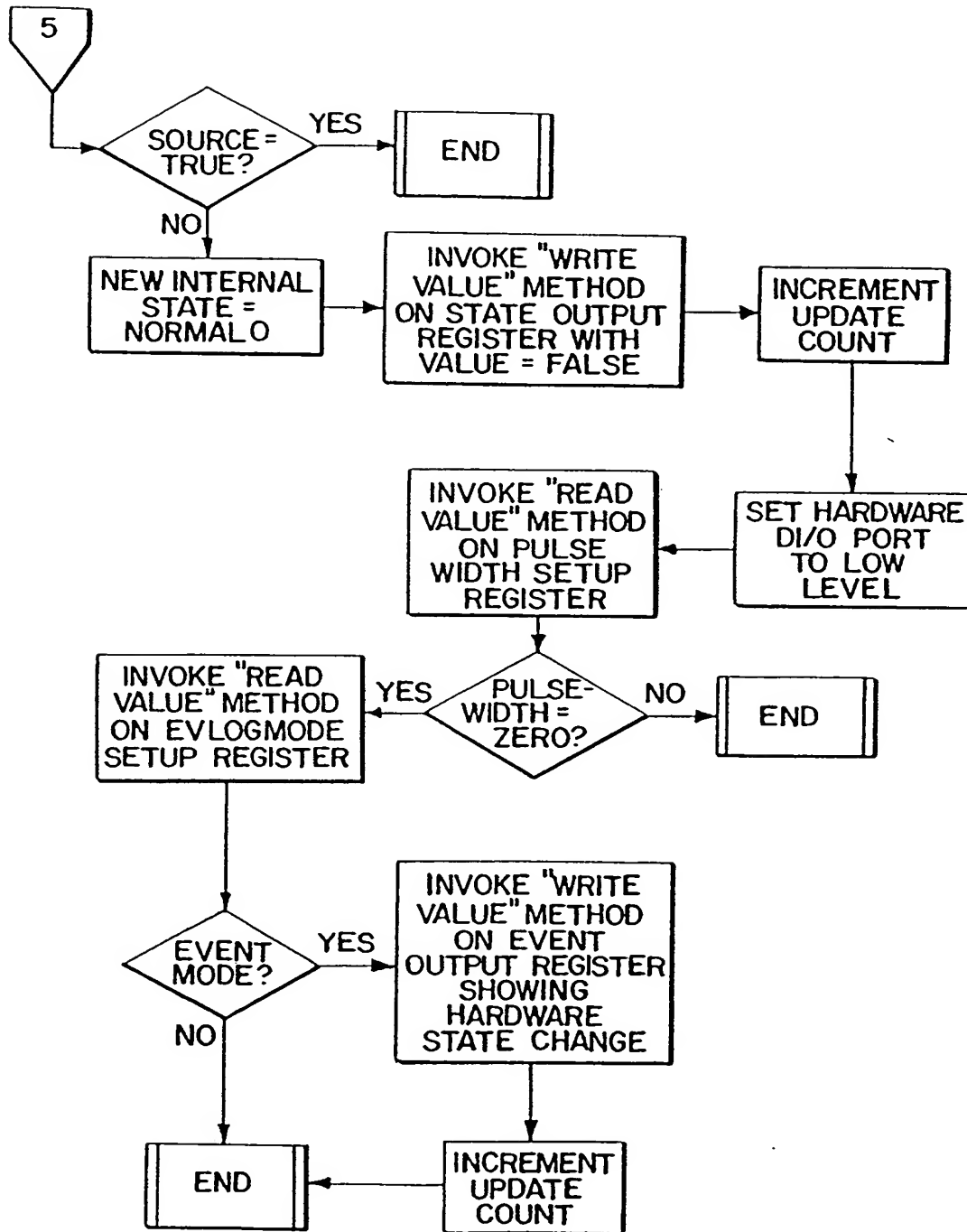


FIG. 16F

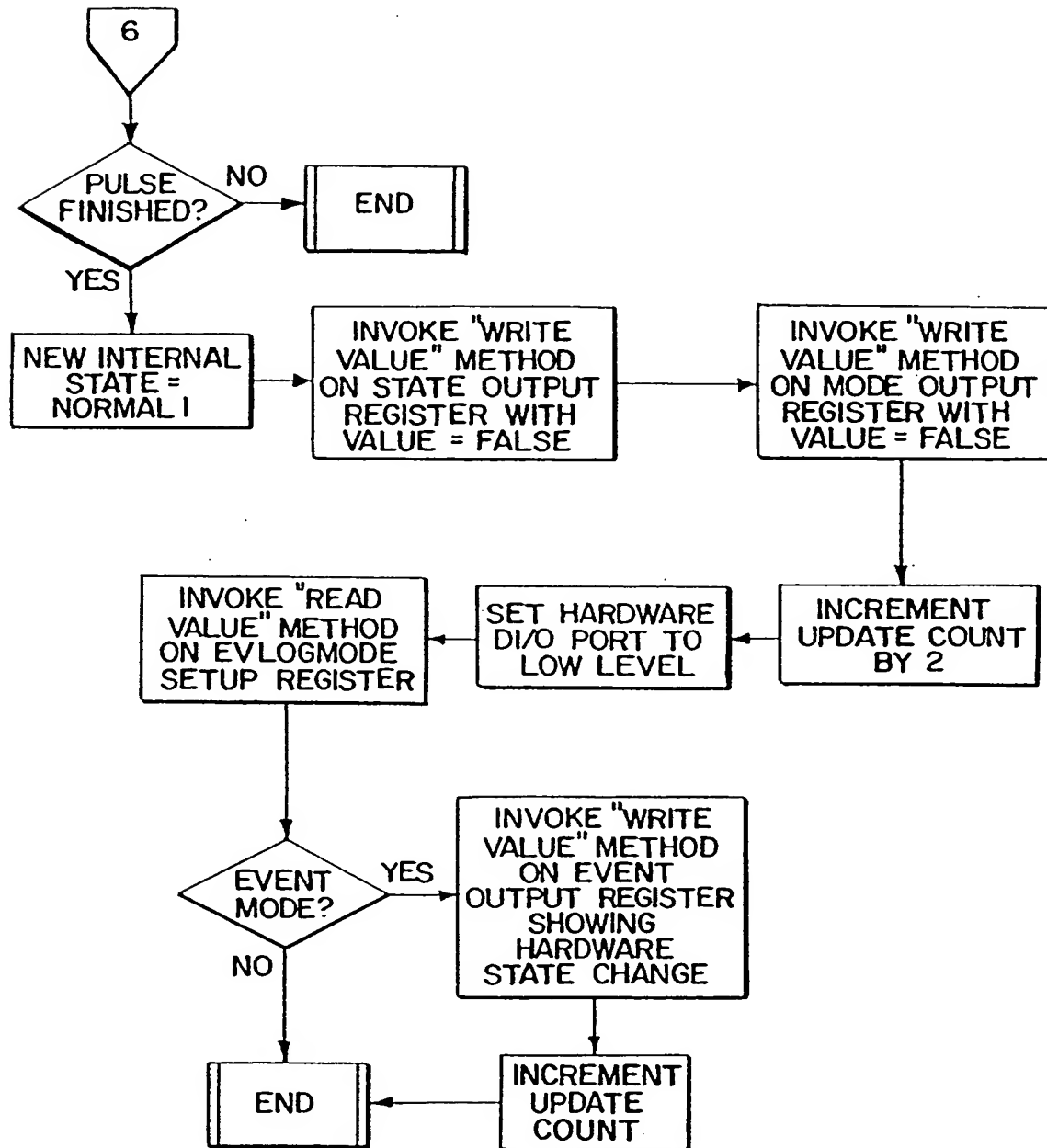


FIG. 16G

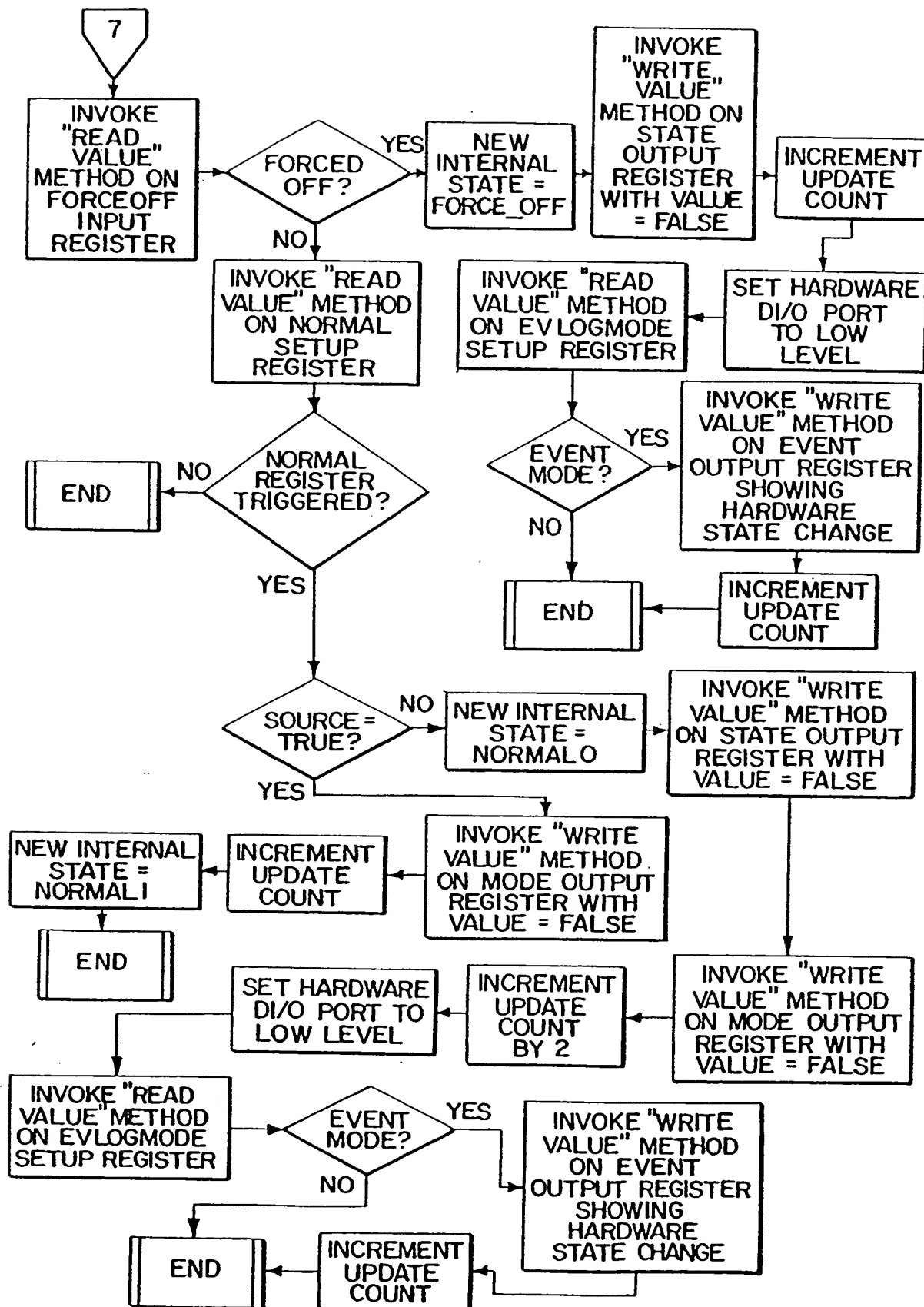


FIG. 16H

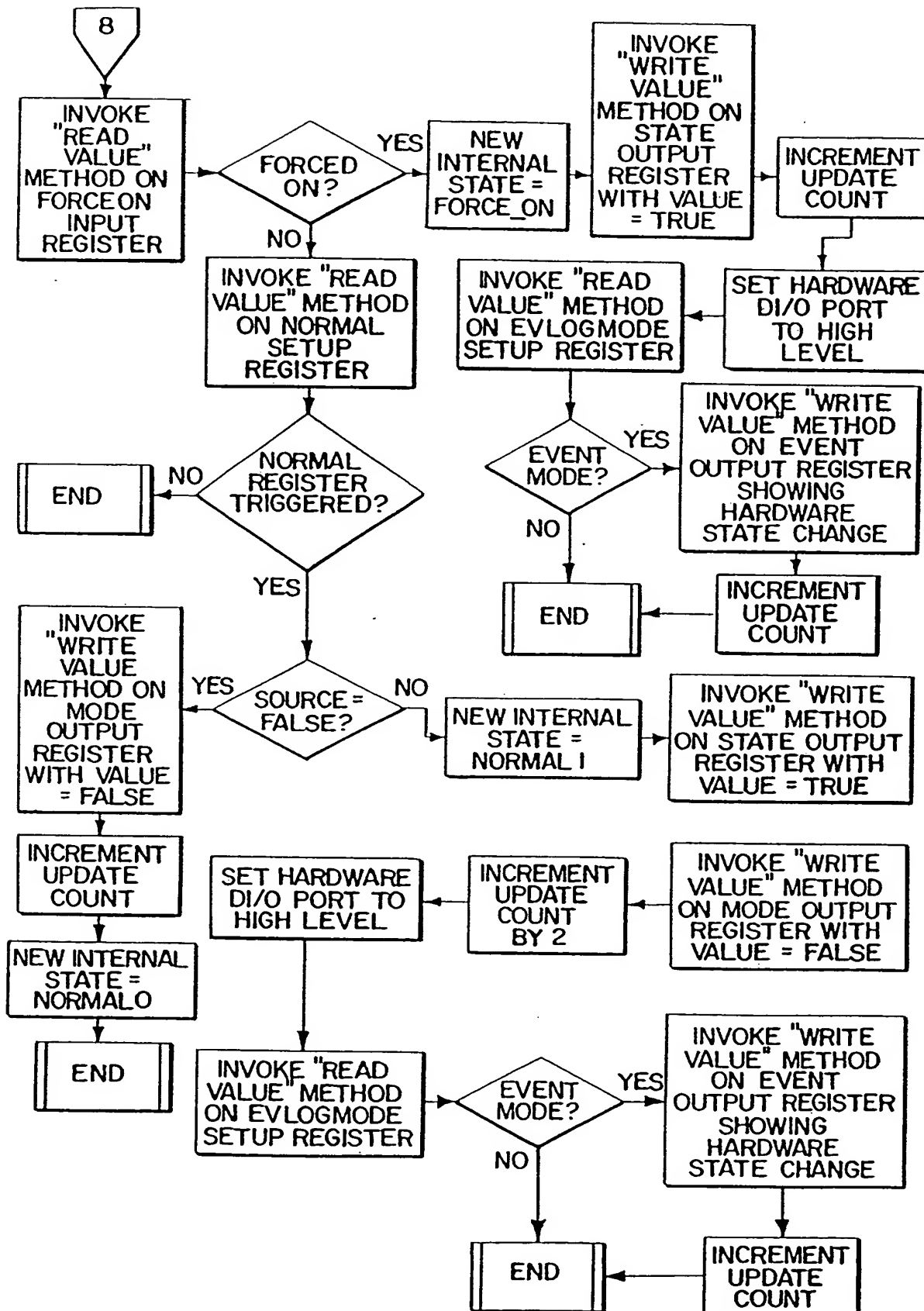


FIG. 17

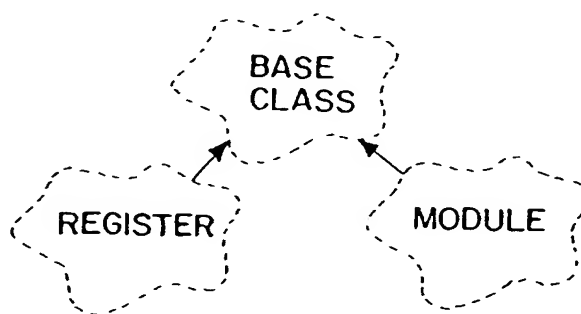


FIG. 17A

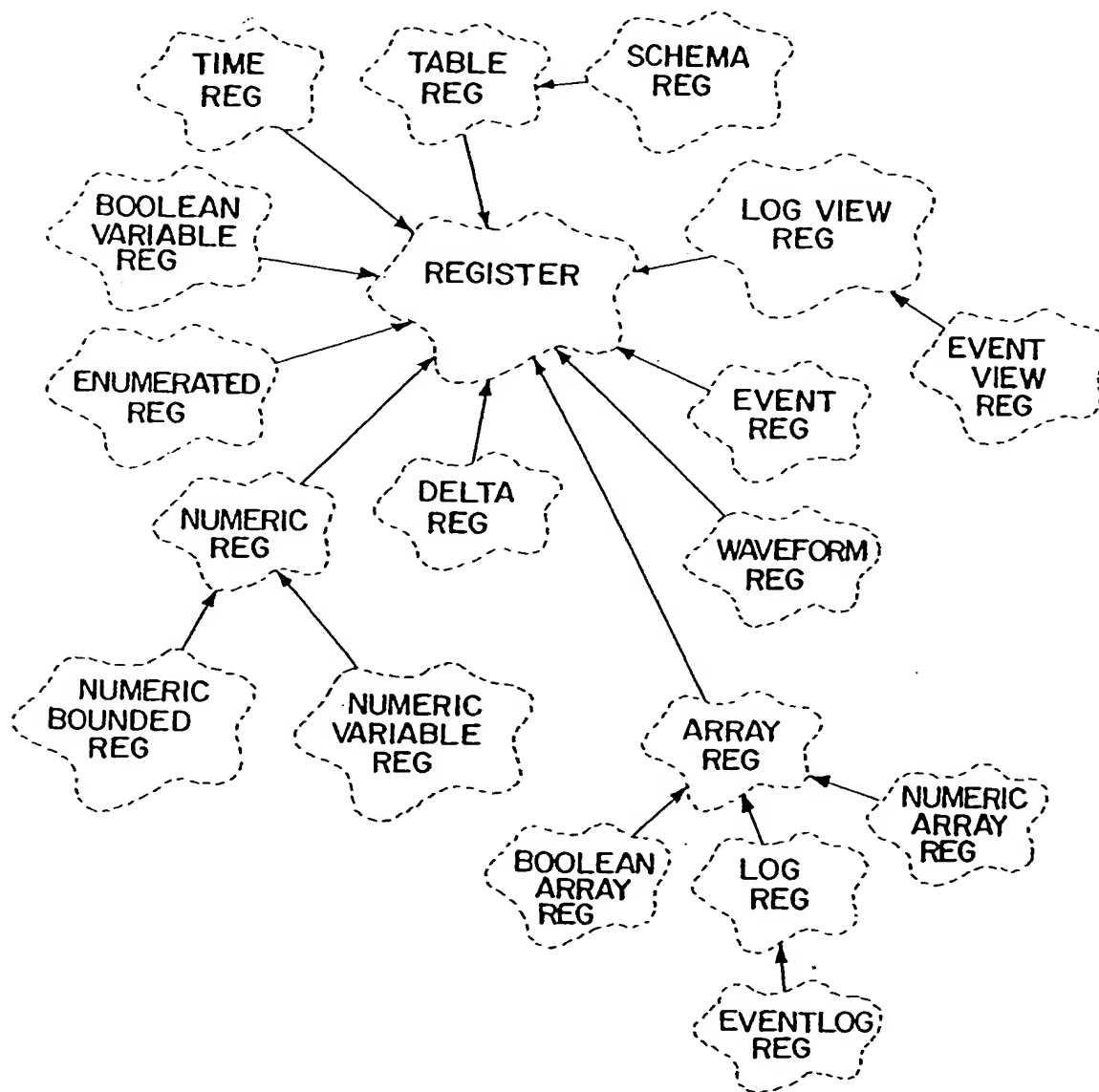


FIG. 17B

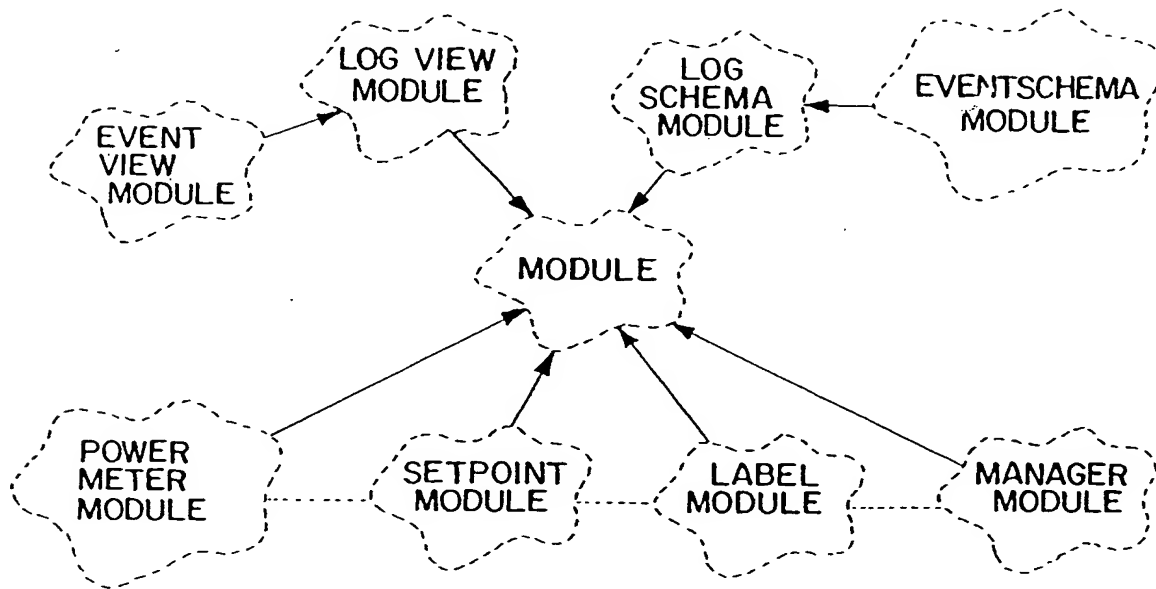


FIG. 17C

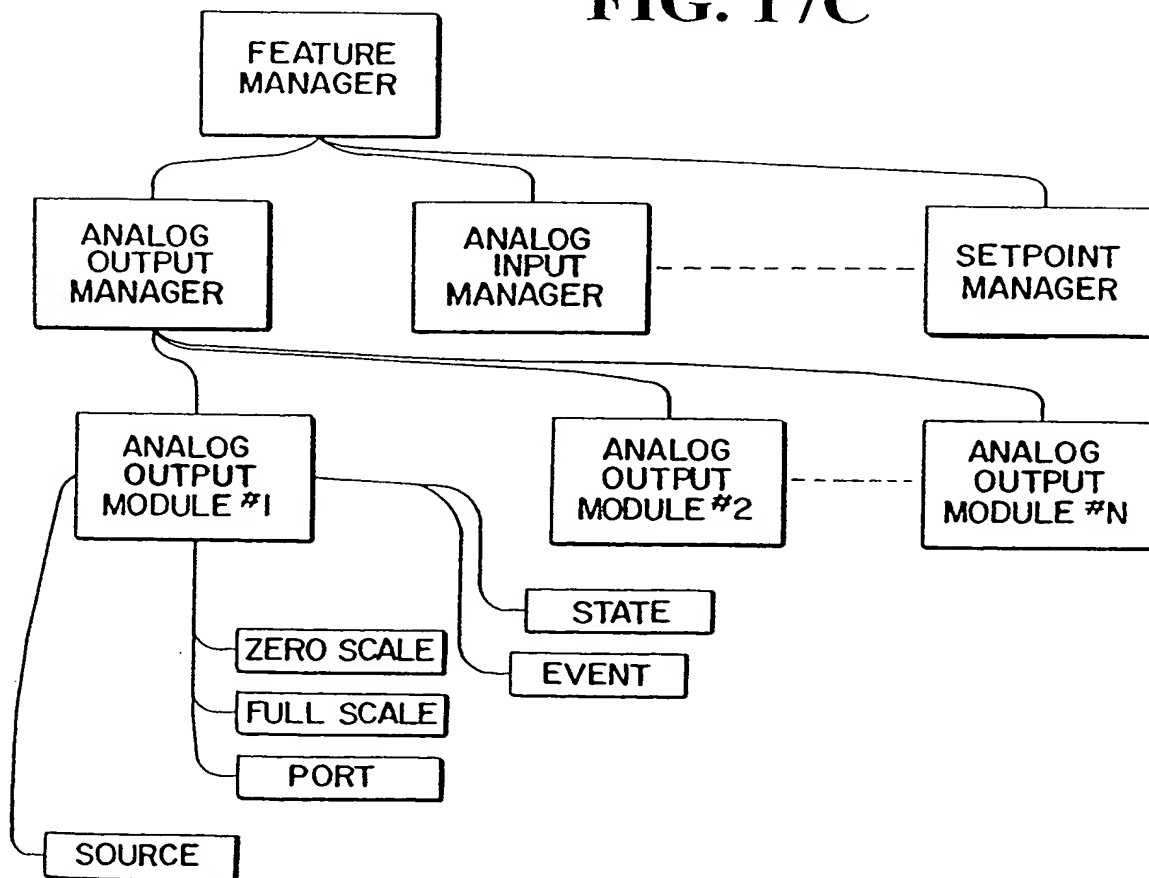


FIG. 18

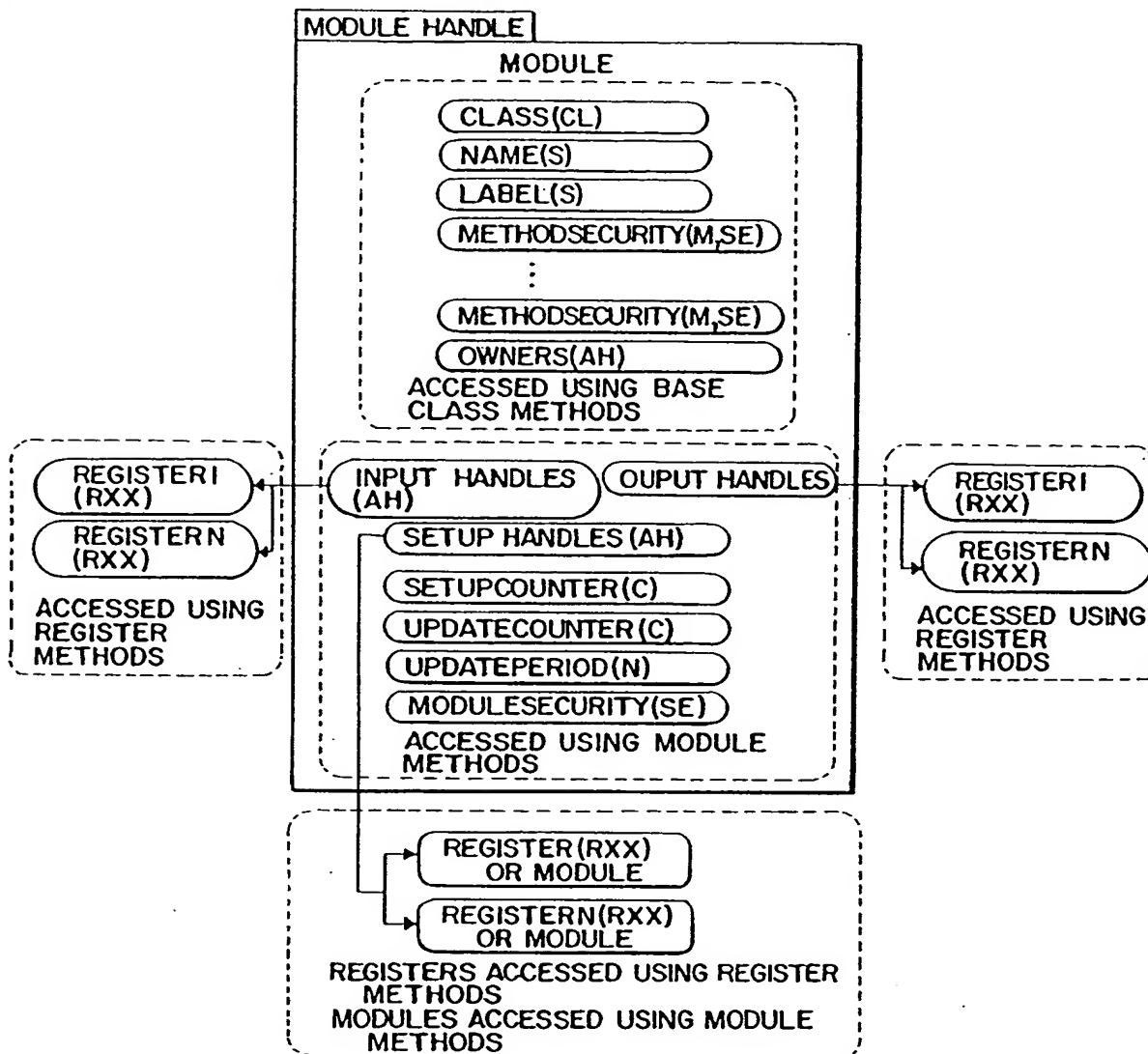
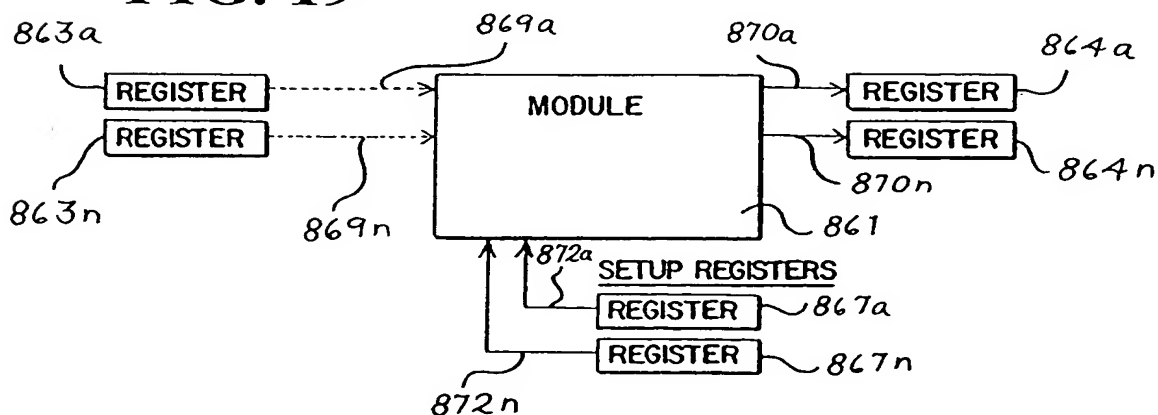


FIG. 19



40 09 007

FIG. 19A

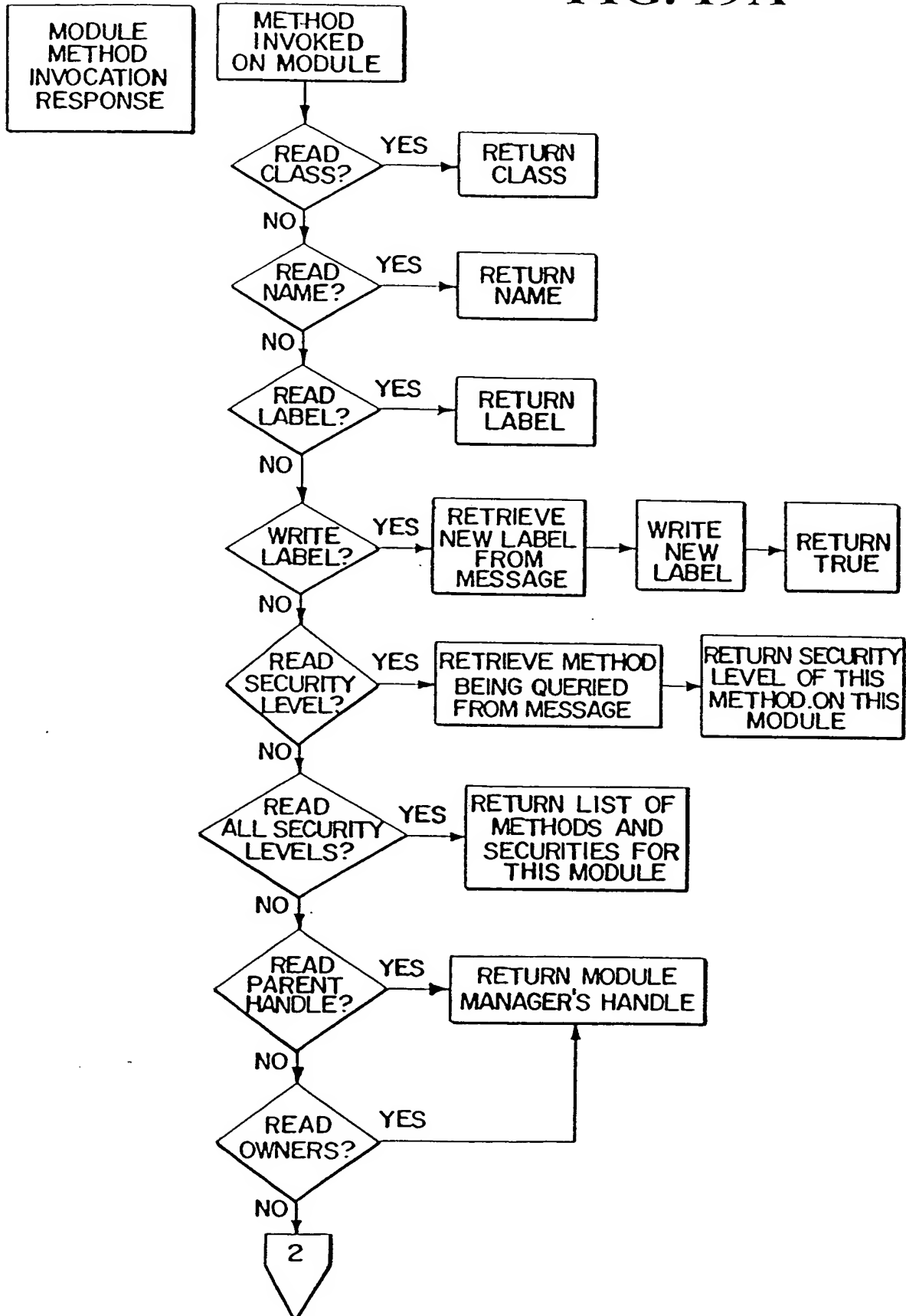


FIG. 19B

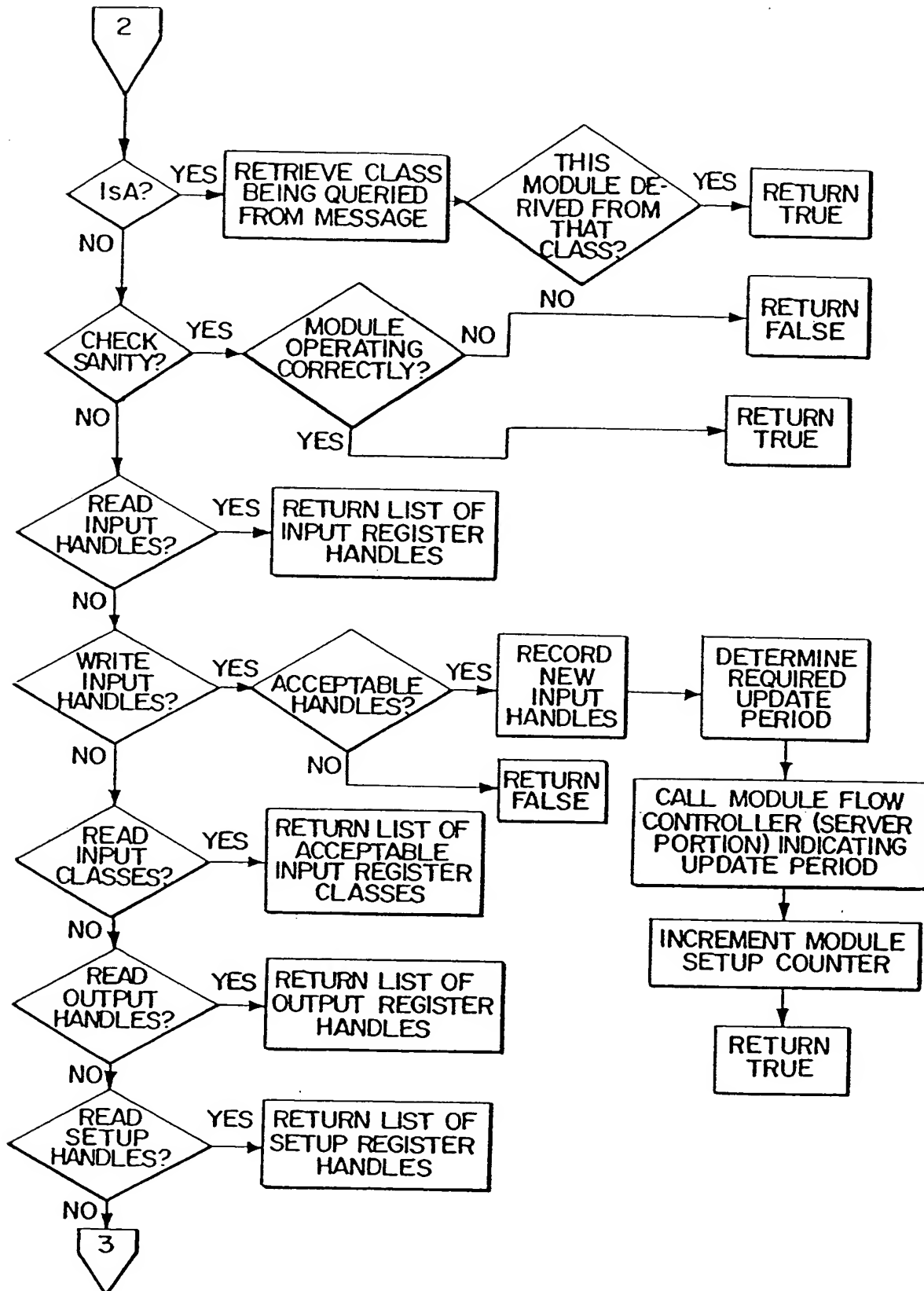


FIG. 19C

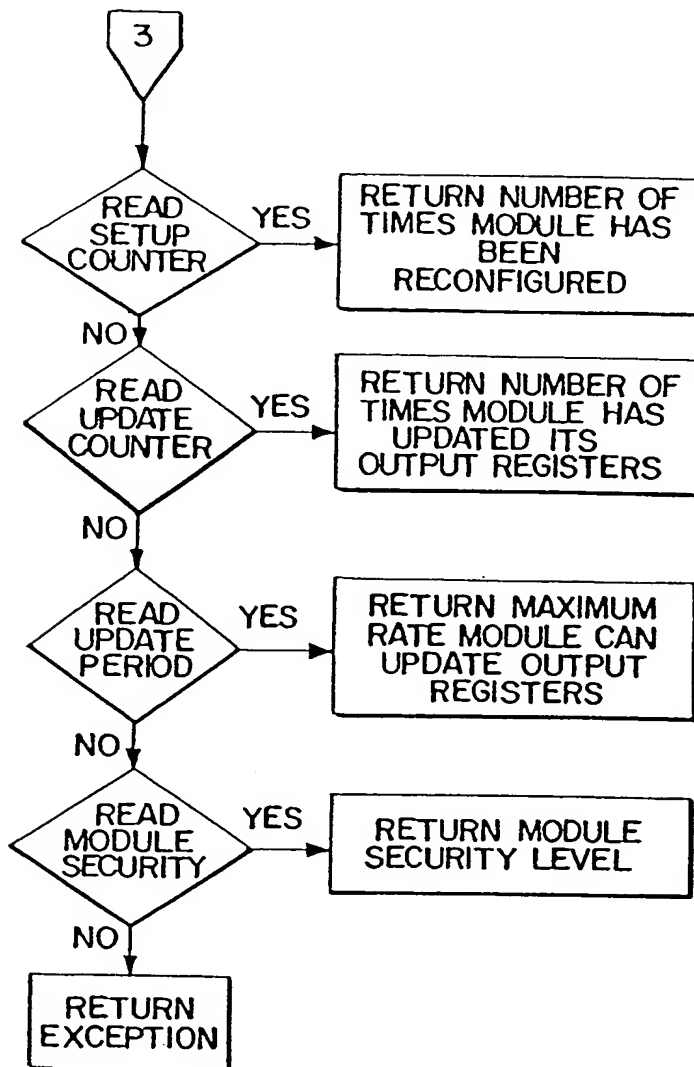


FIG. 20

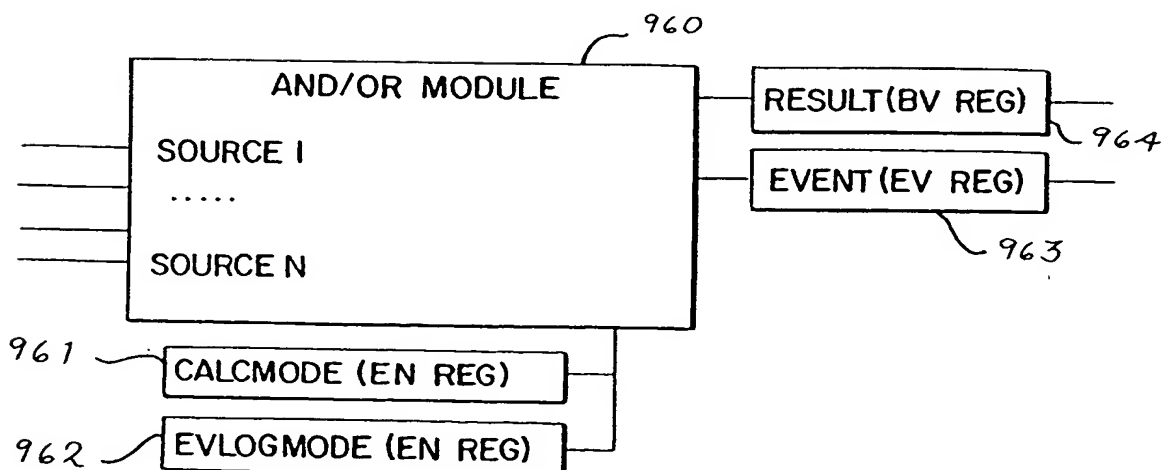


FIG. 20A

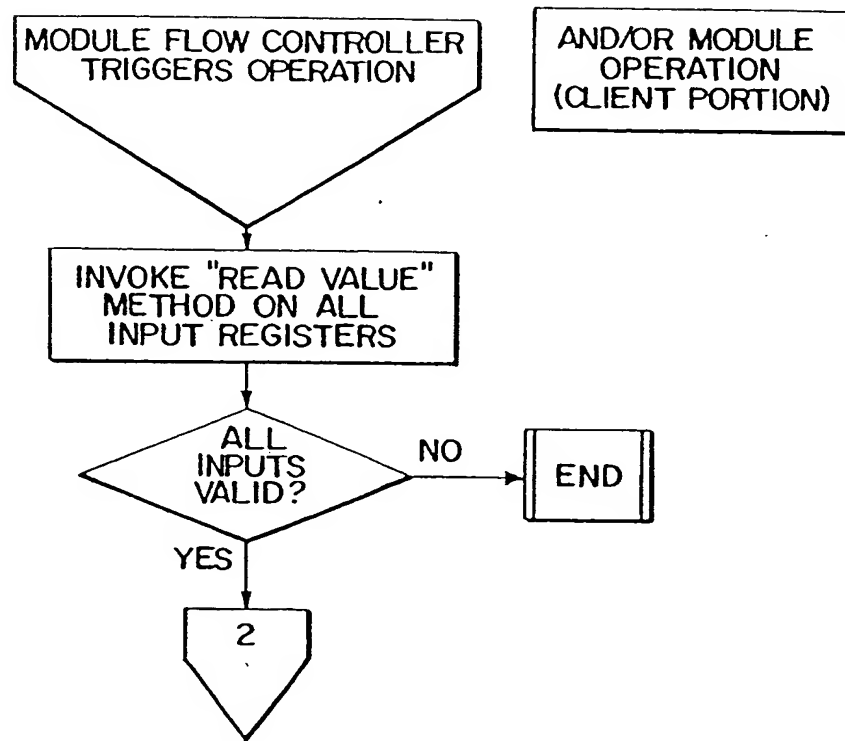


FIG. 21

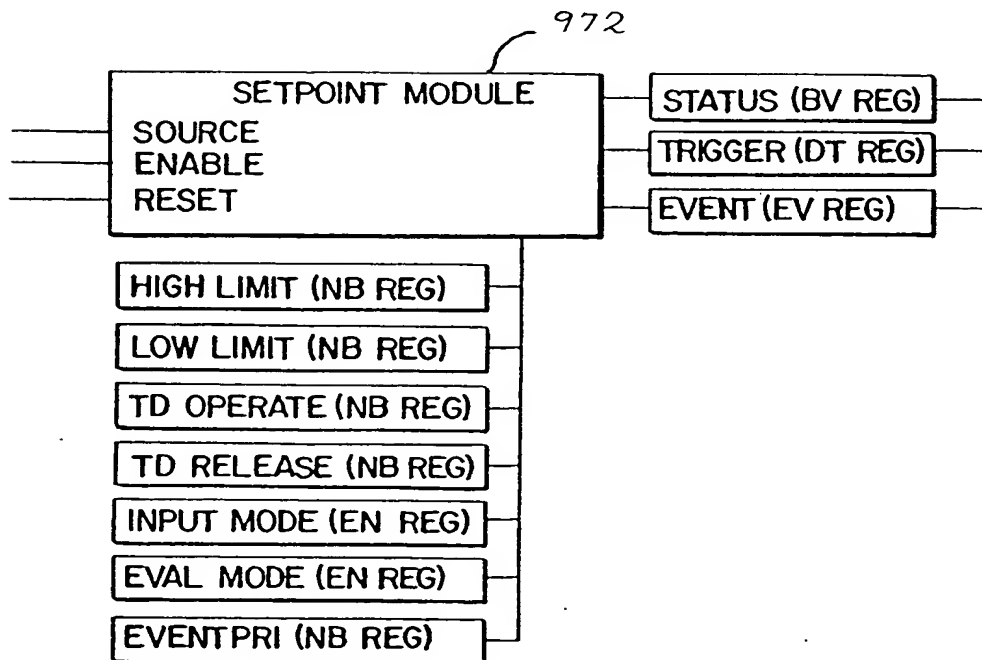


FIG. 20B

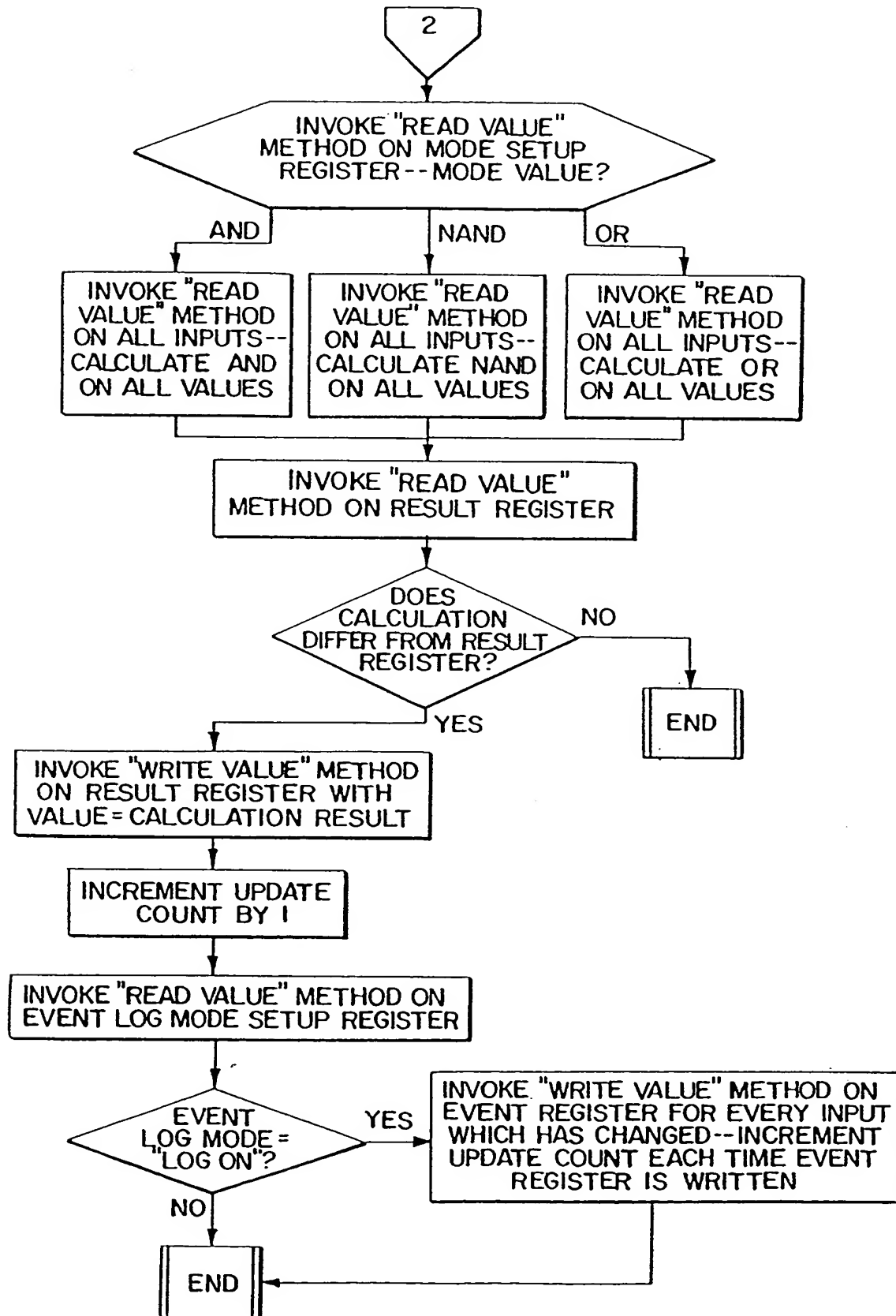


FIG. 21A

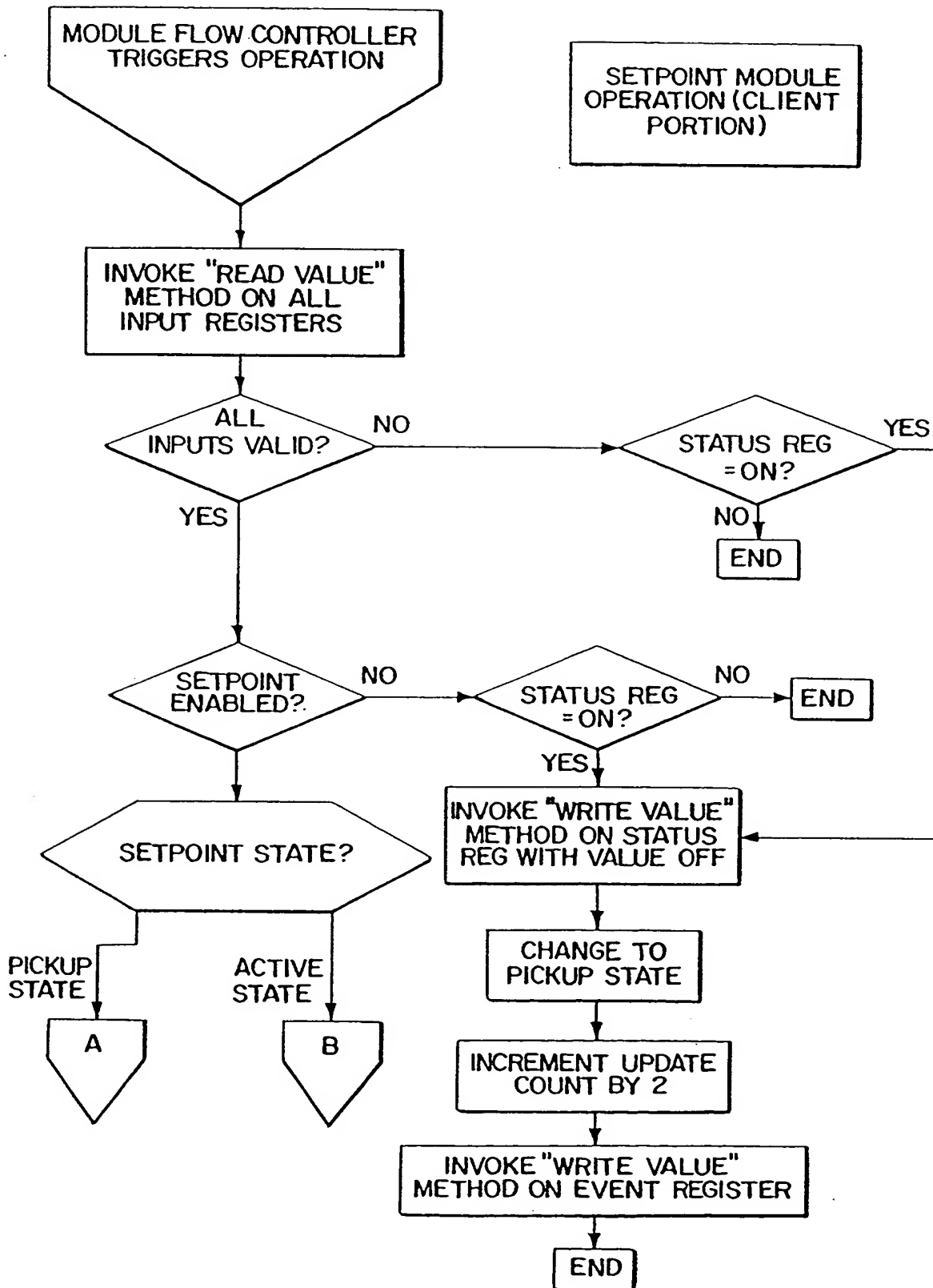


FIG. 21B

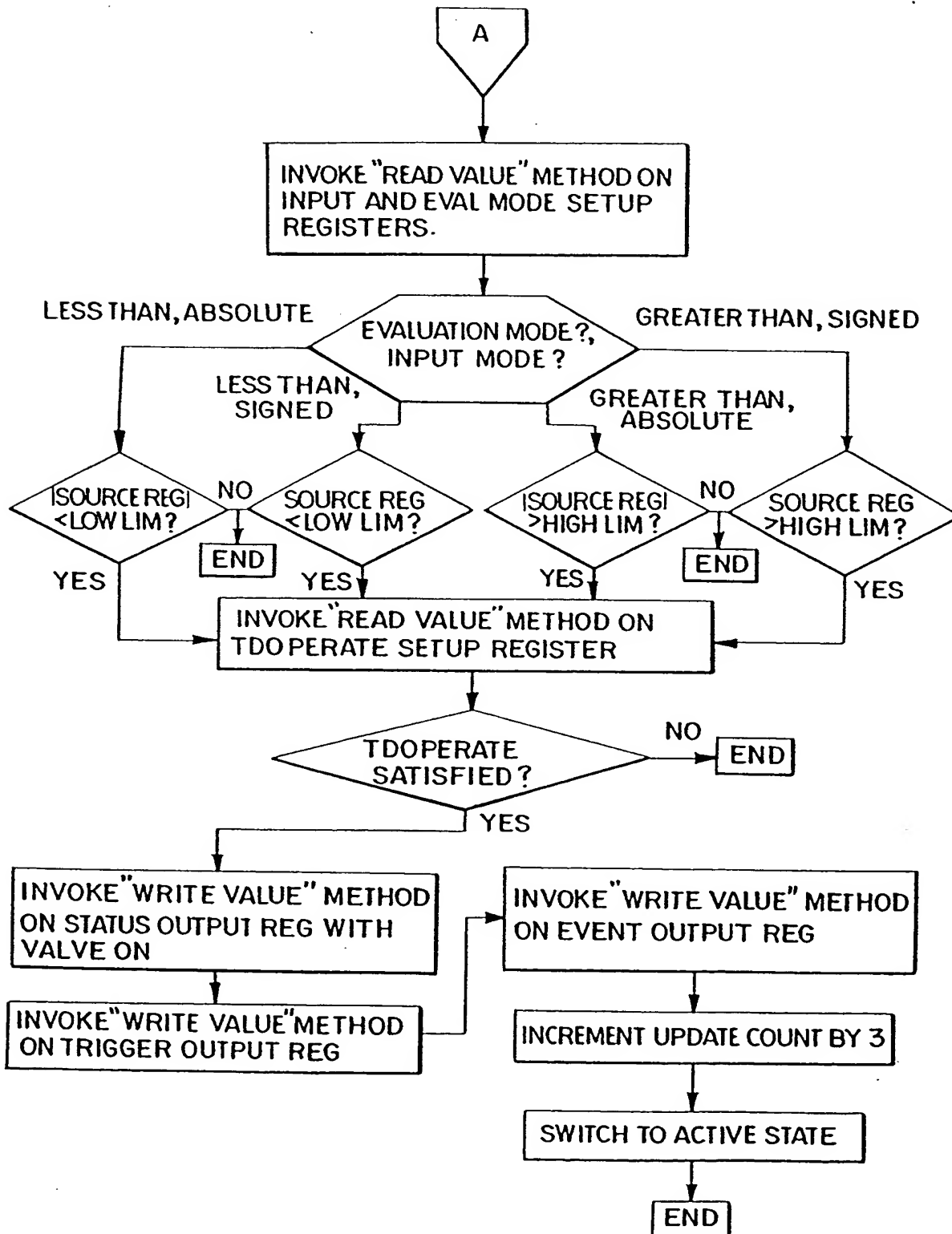
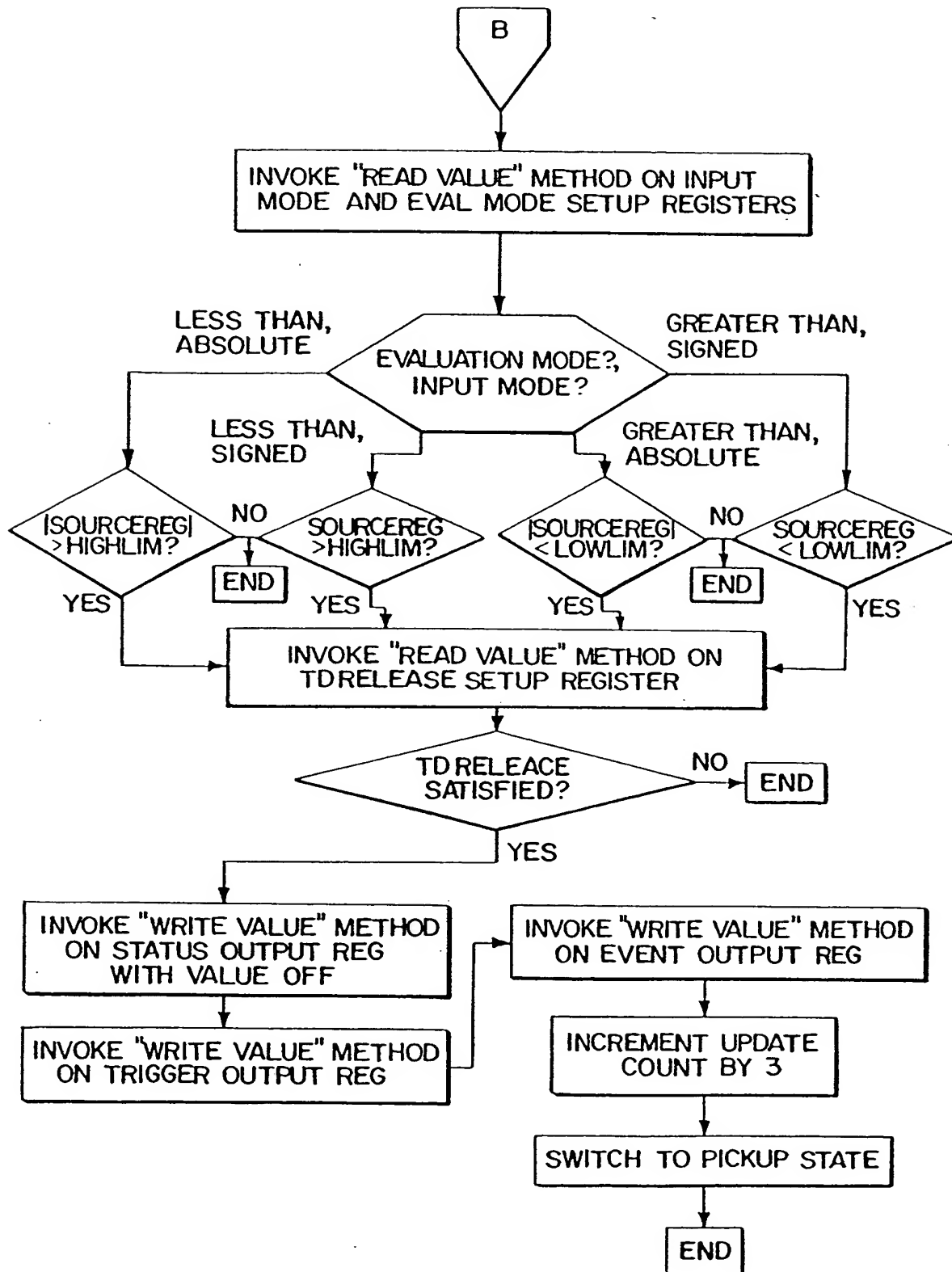


FIG. 21C



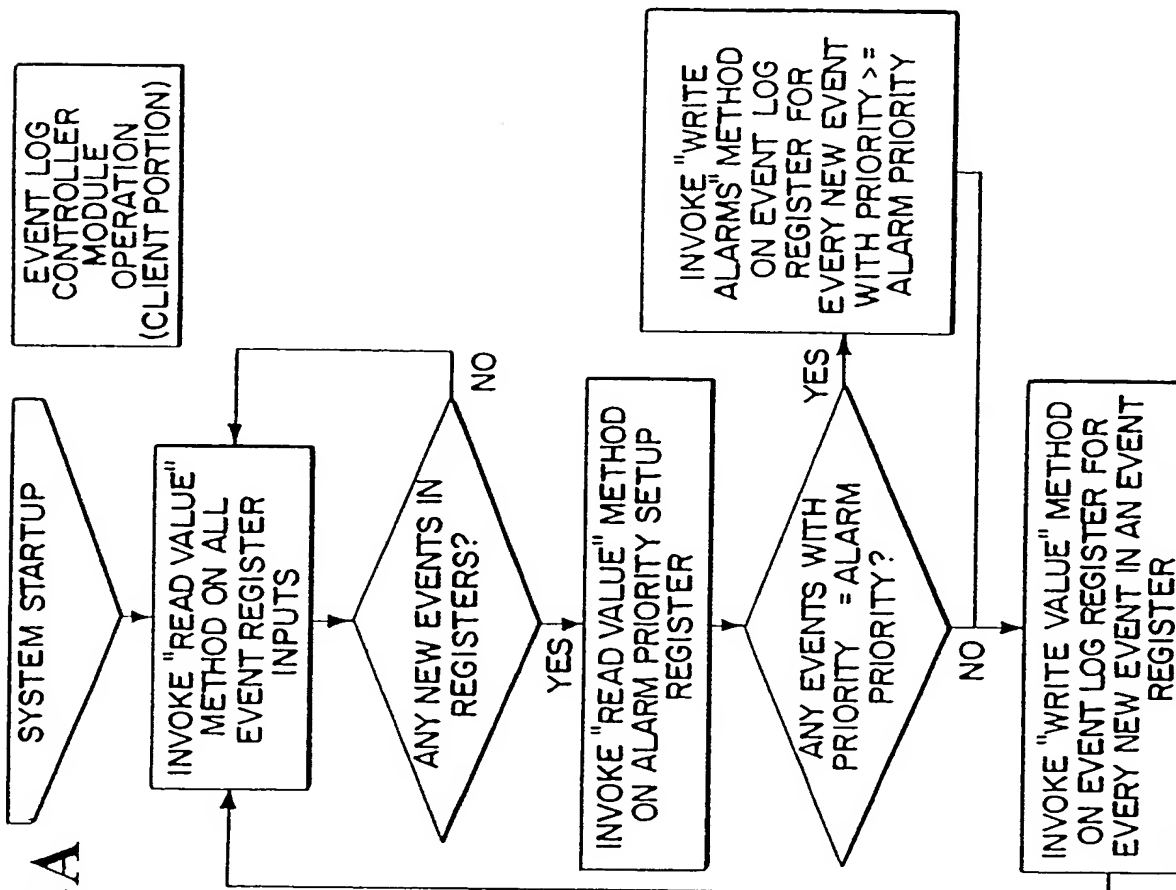


FIG. 22

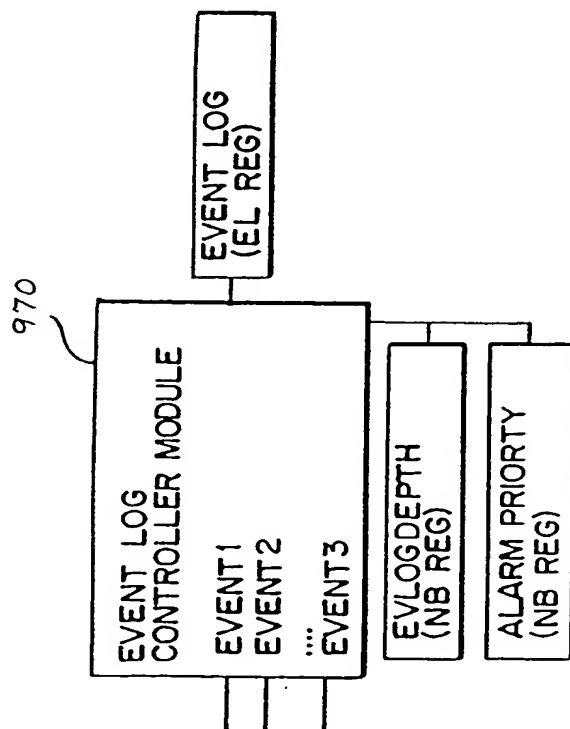


FIG. 24A

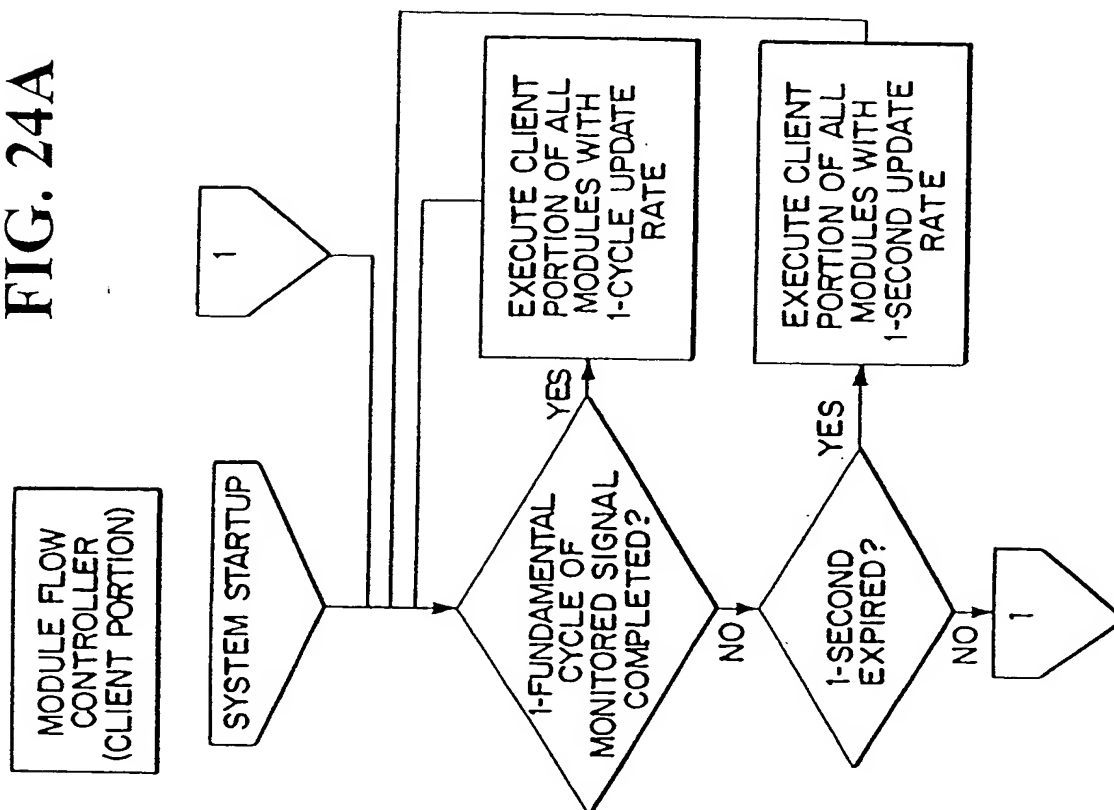


FIG. 23

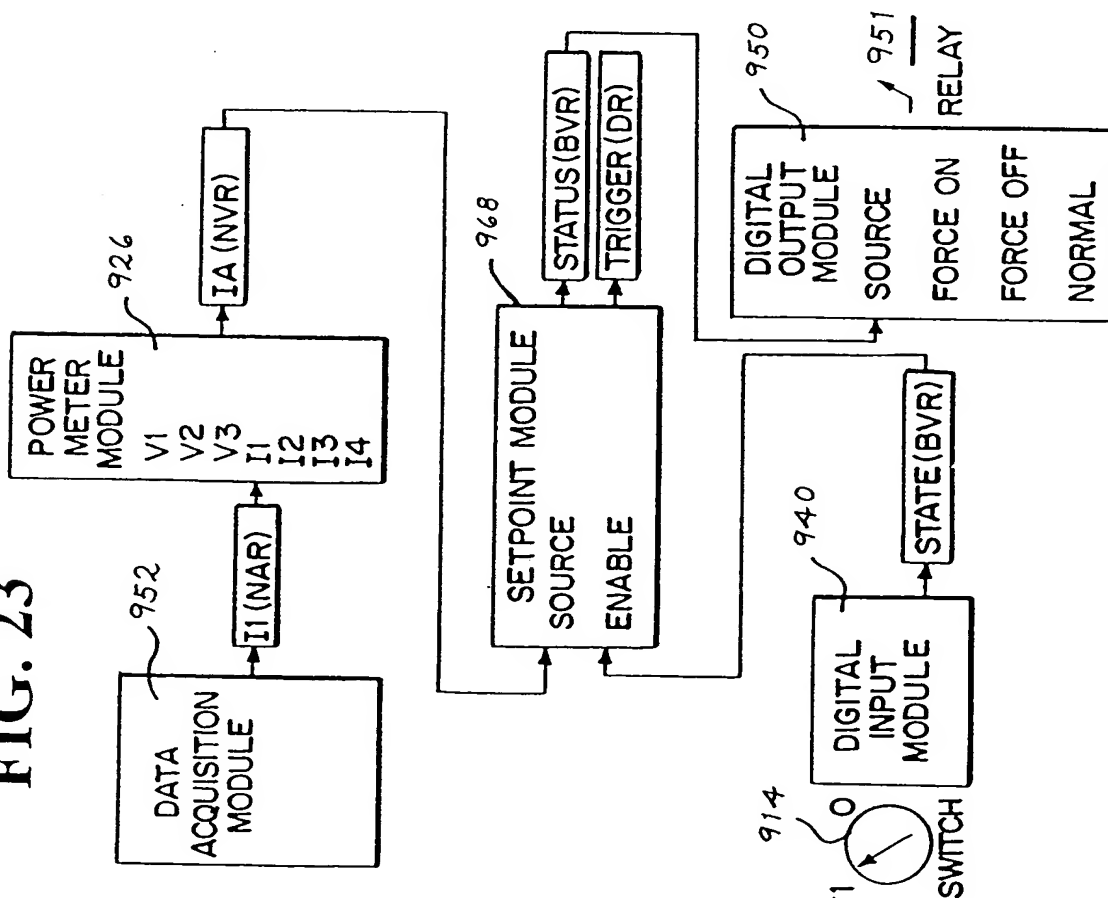


FIG. 25

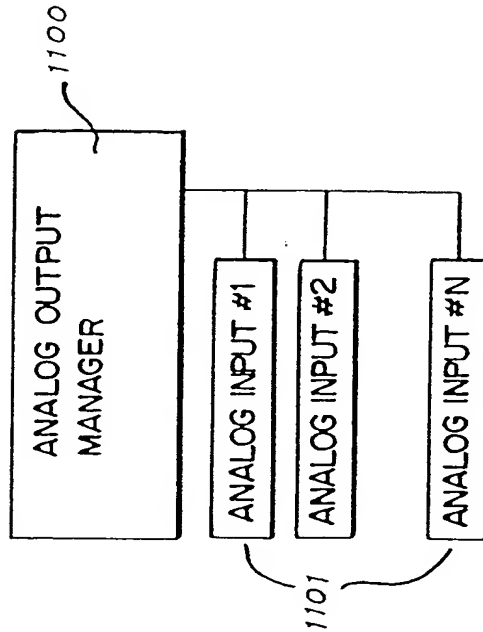
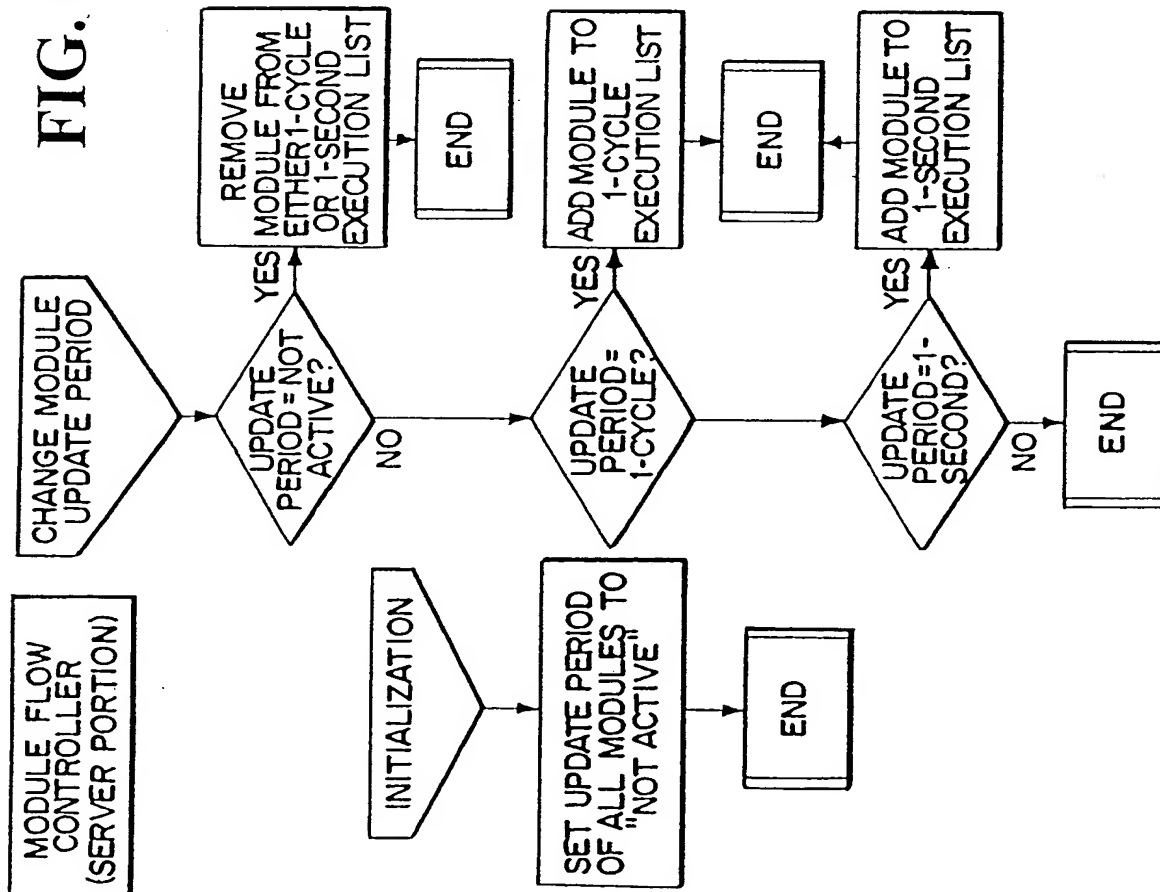


FIG. 24B



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FIG. 25A

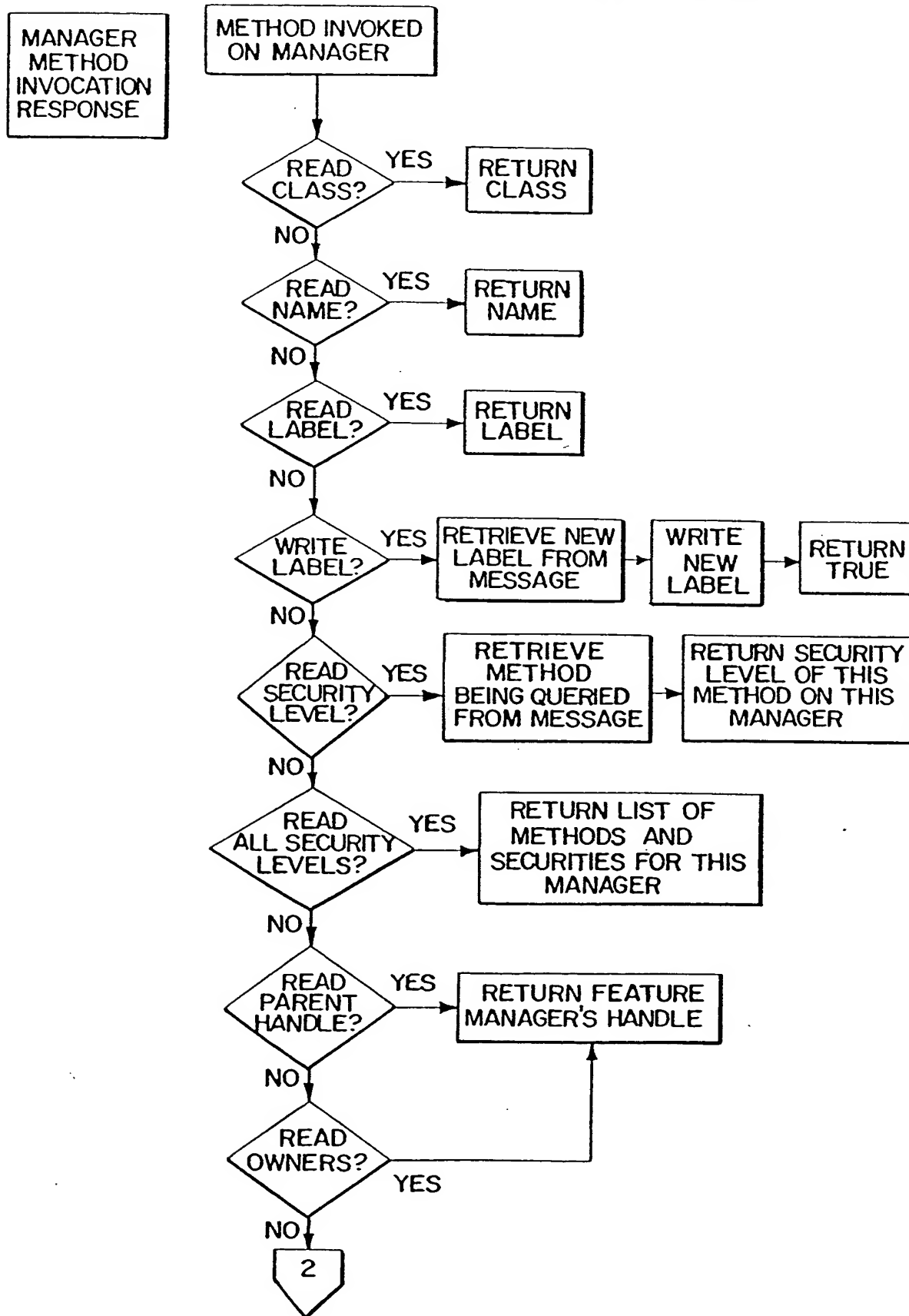


FIG. 25B

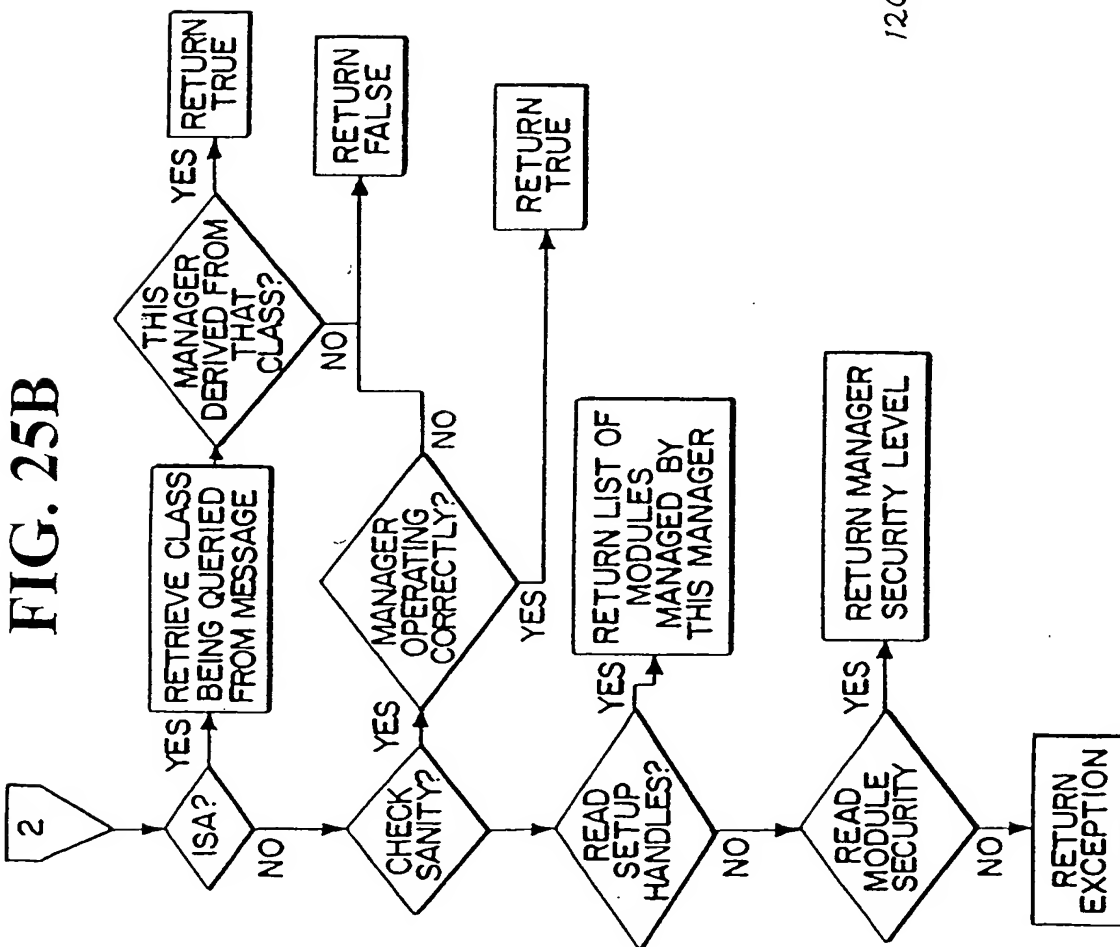
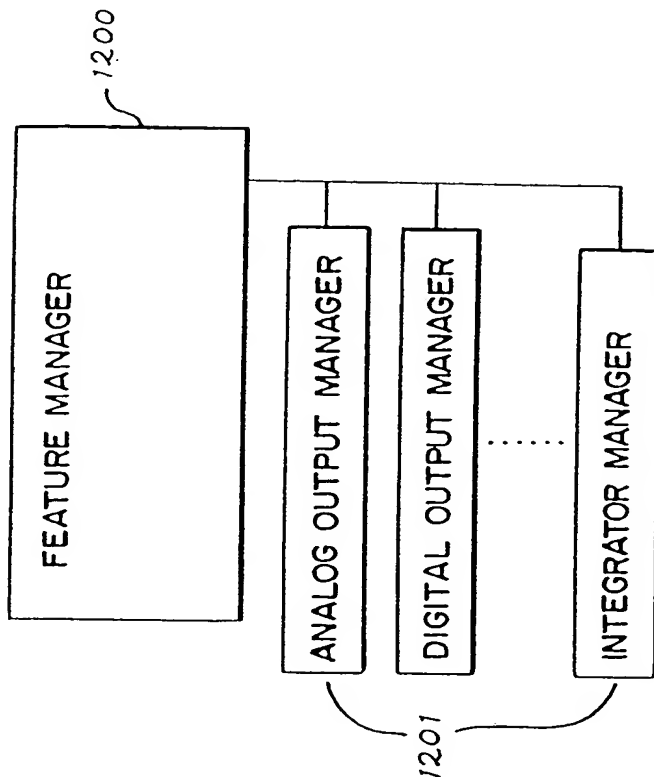


FIG. 26



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FIG. 26A

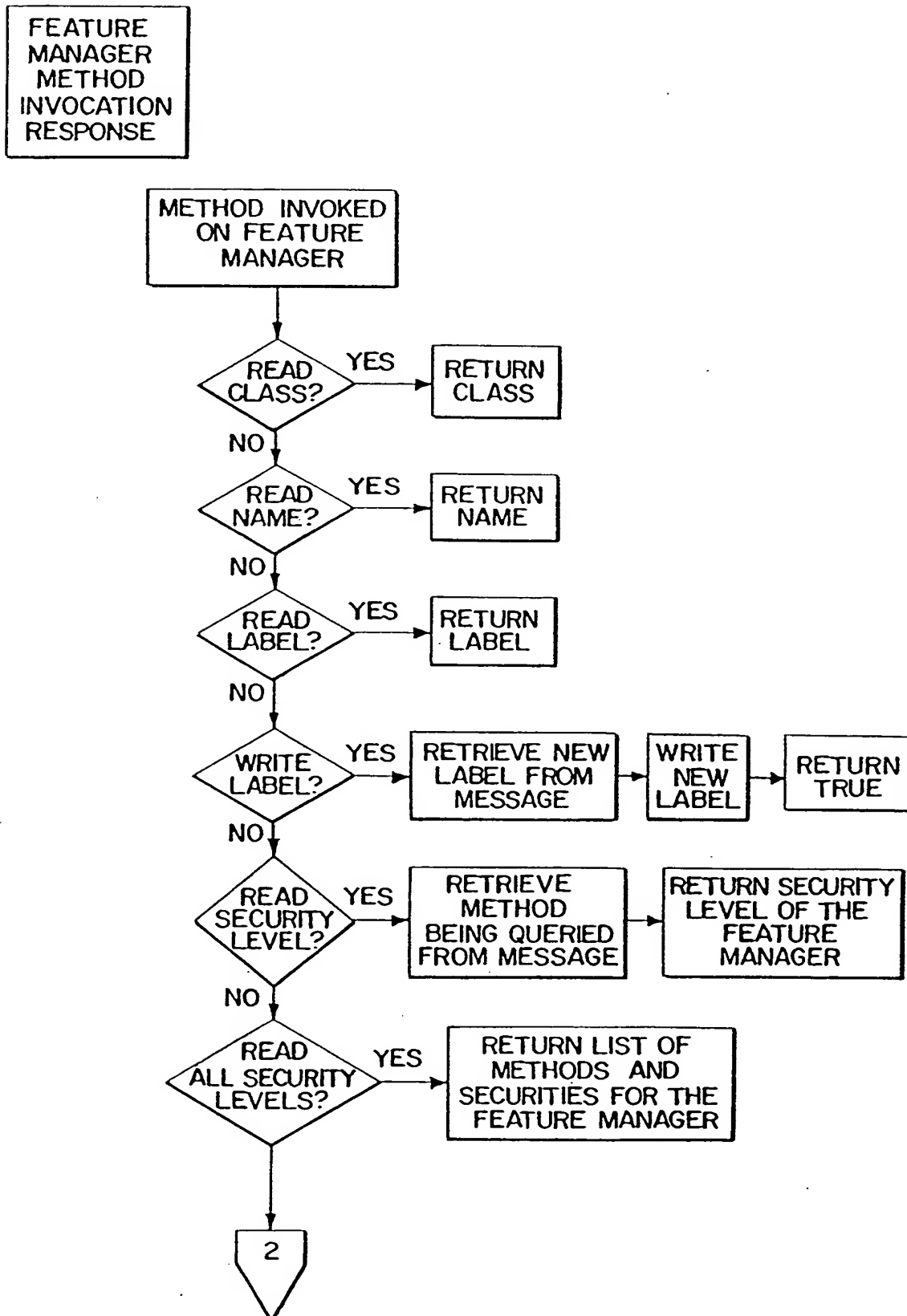
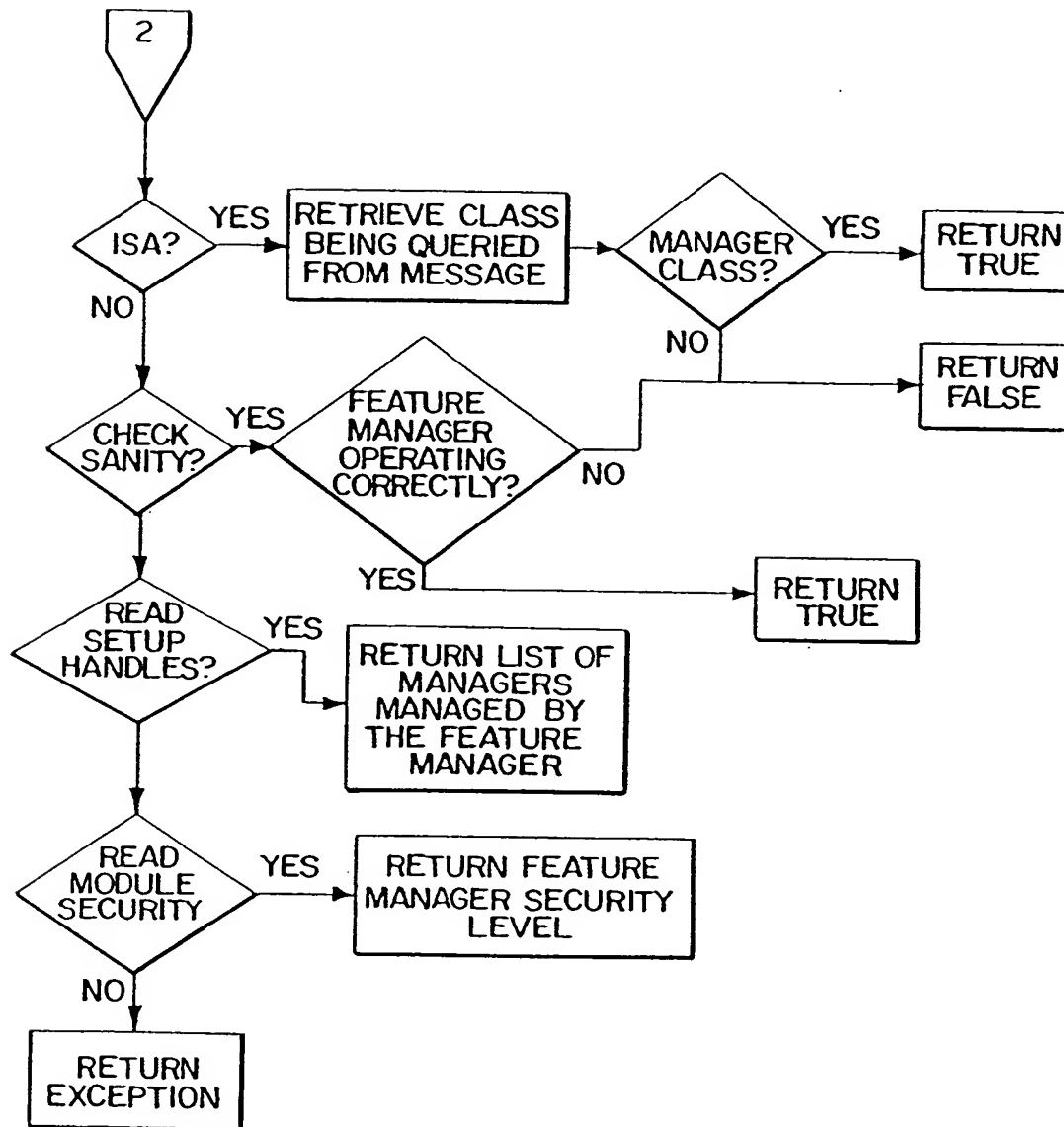


FIG. 26B



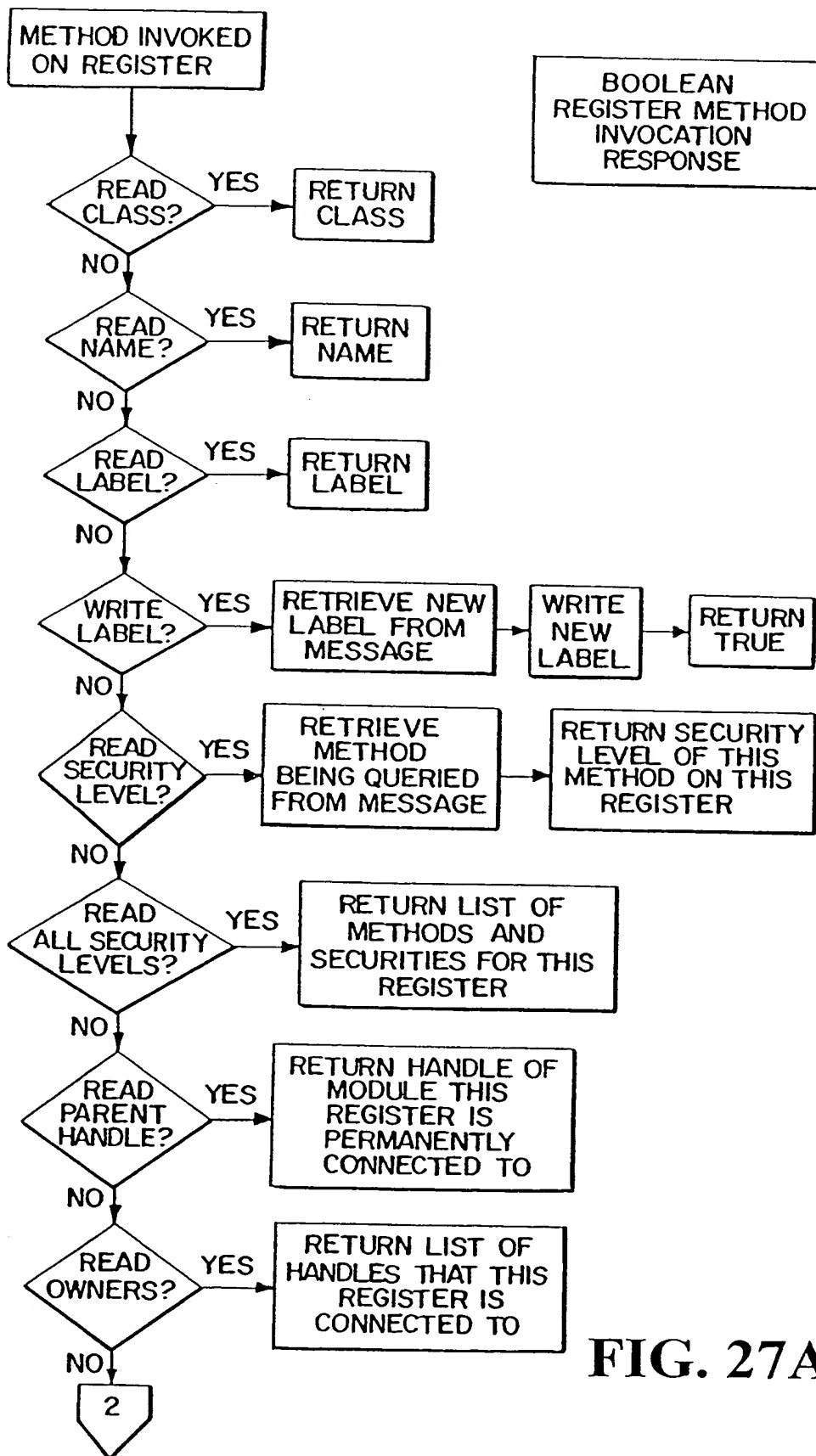
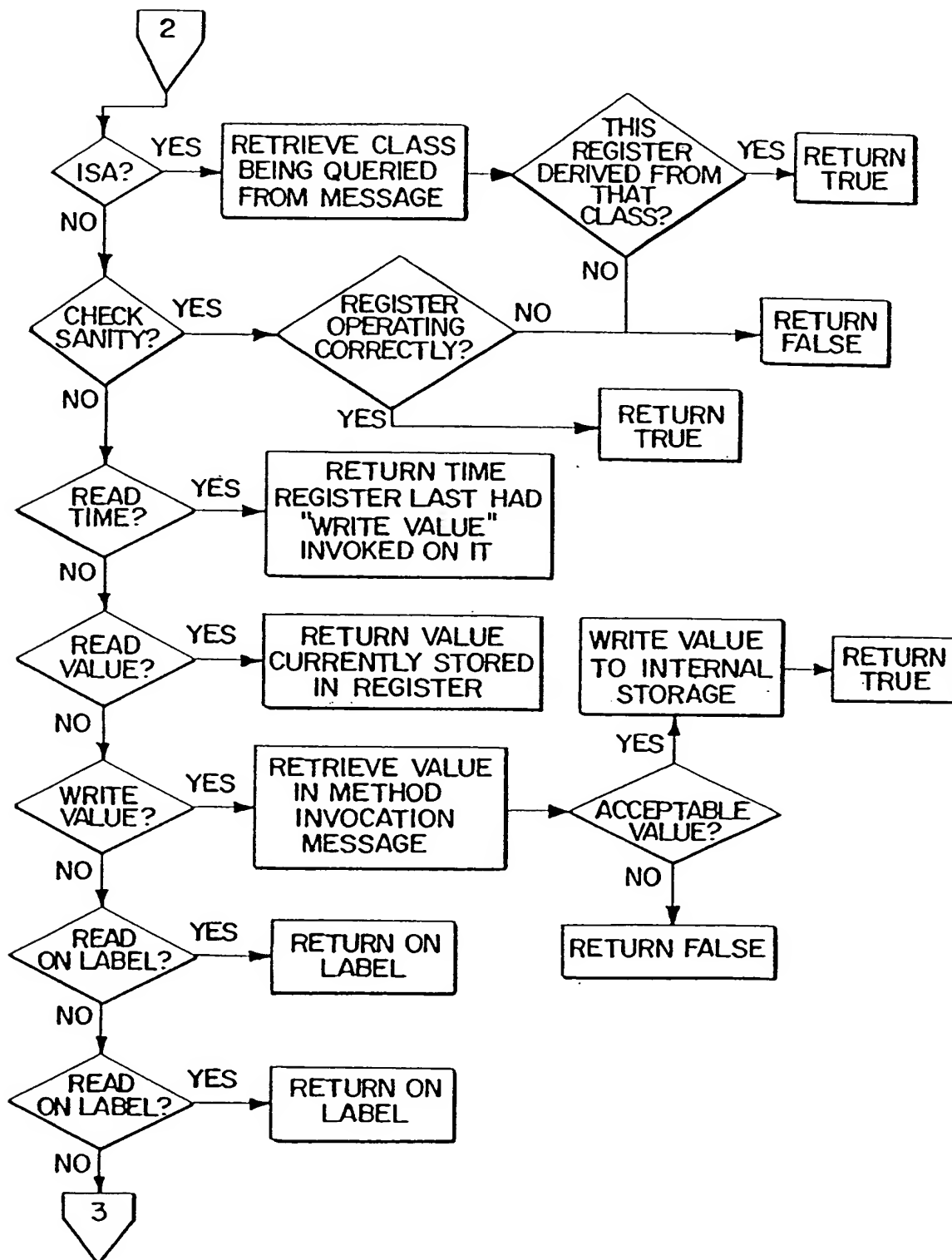


FIG. 27A

FIG. 27B



57 8 207

FIG. 27C

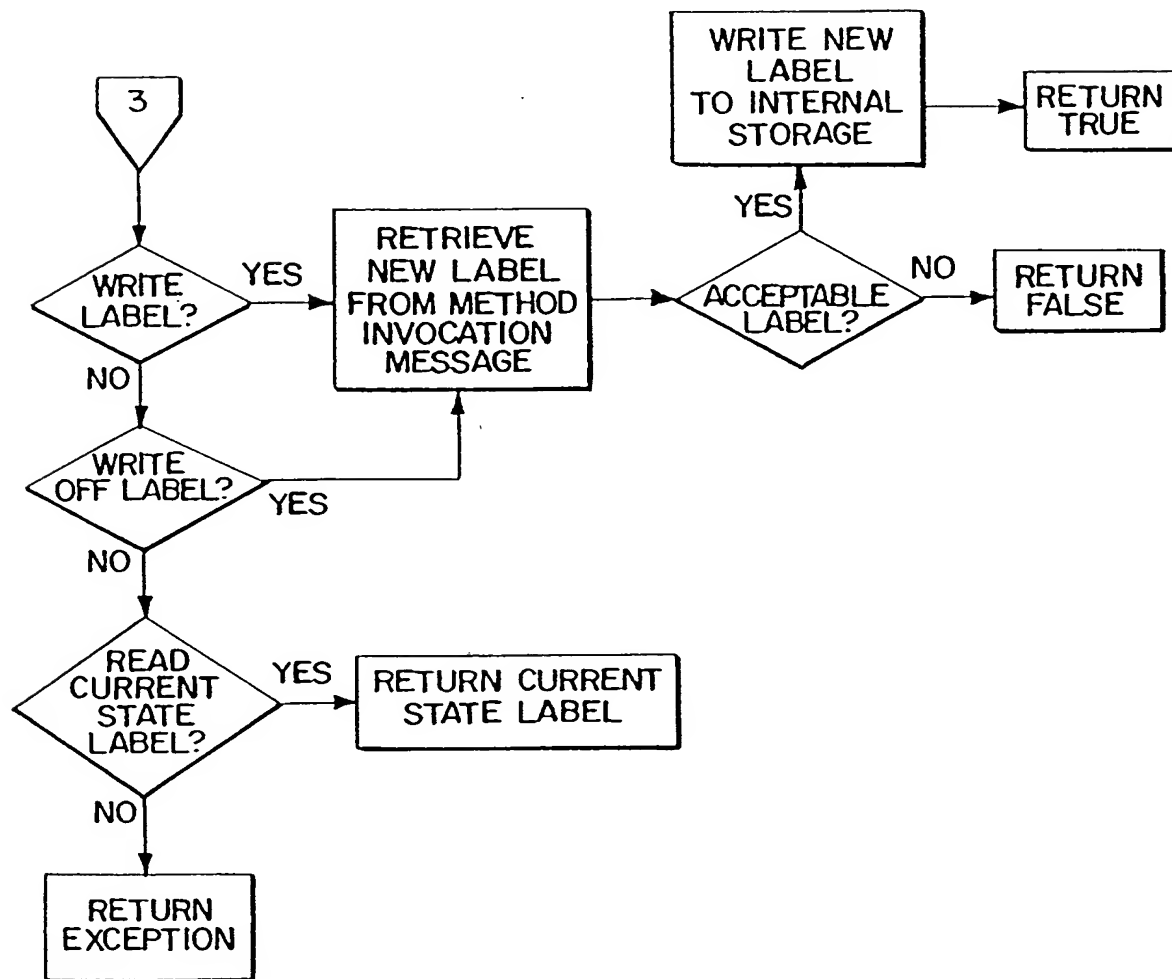


FIG. 28A

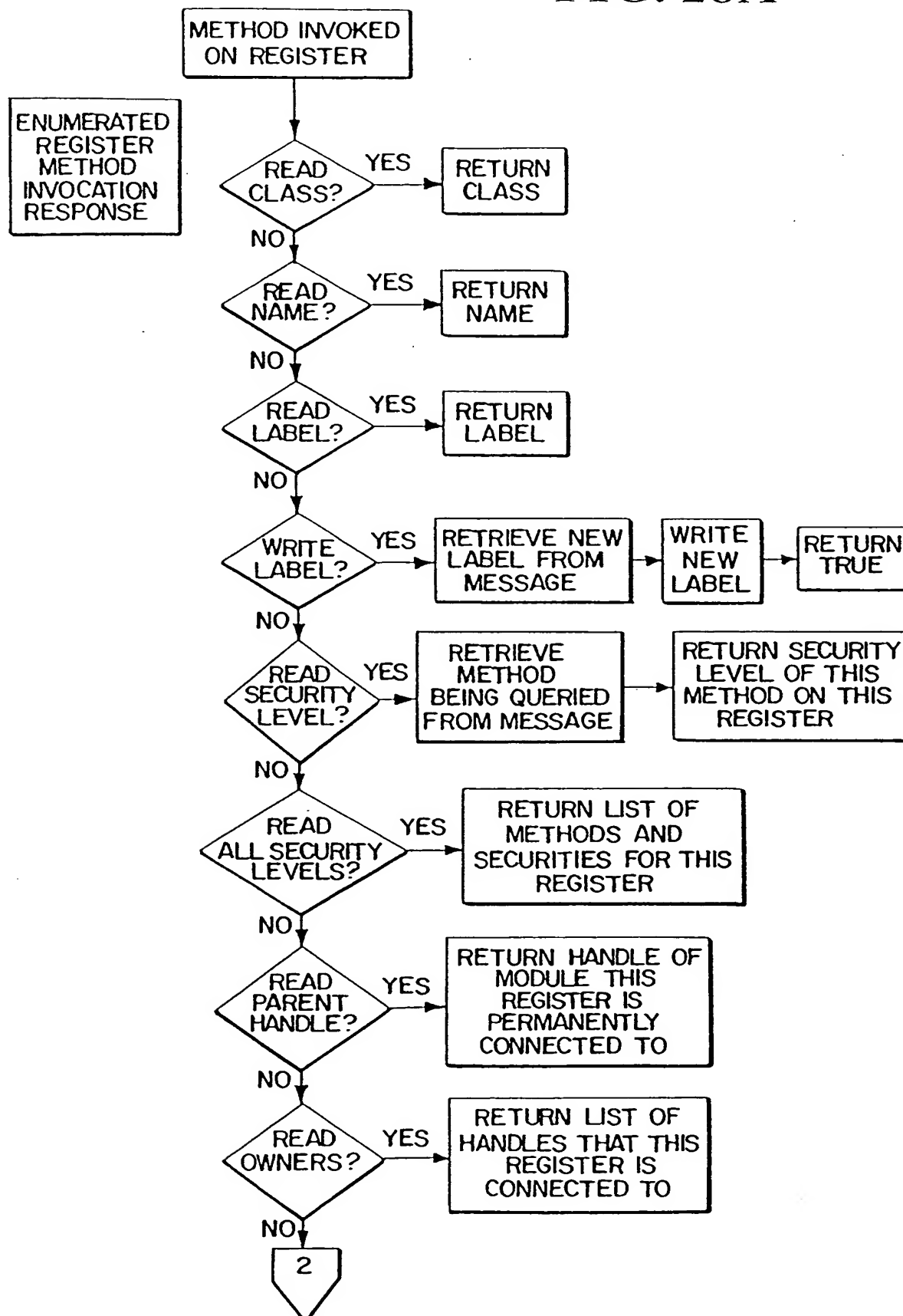


FIG. 28B

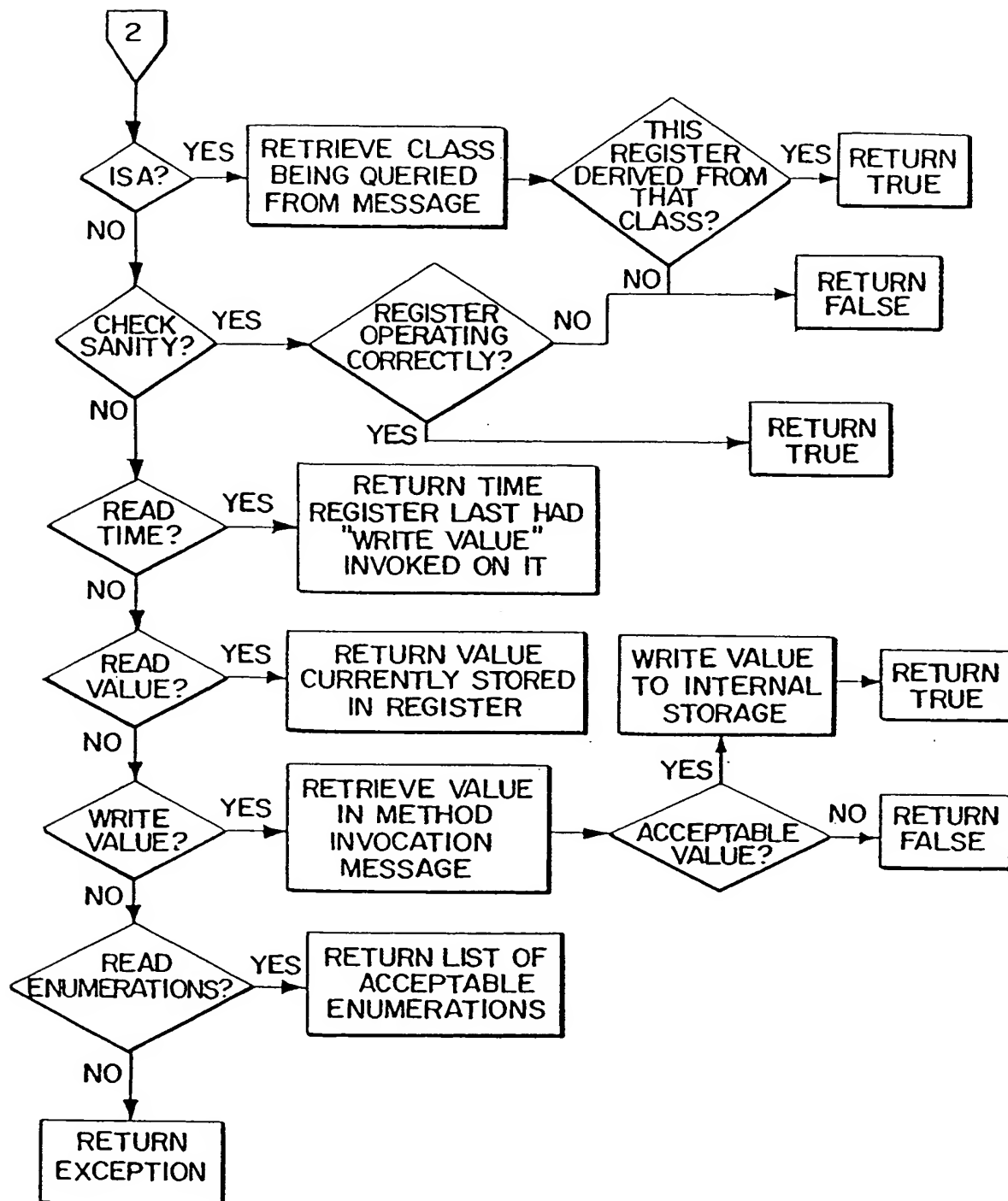
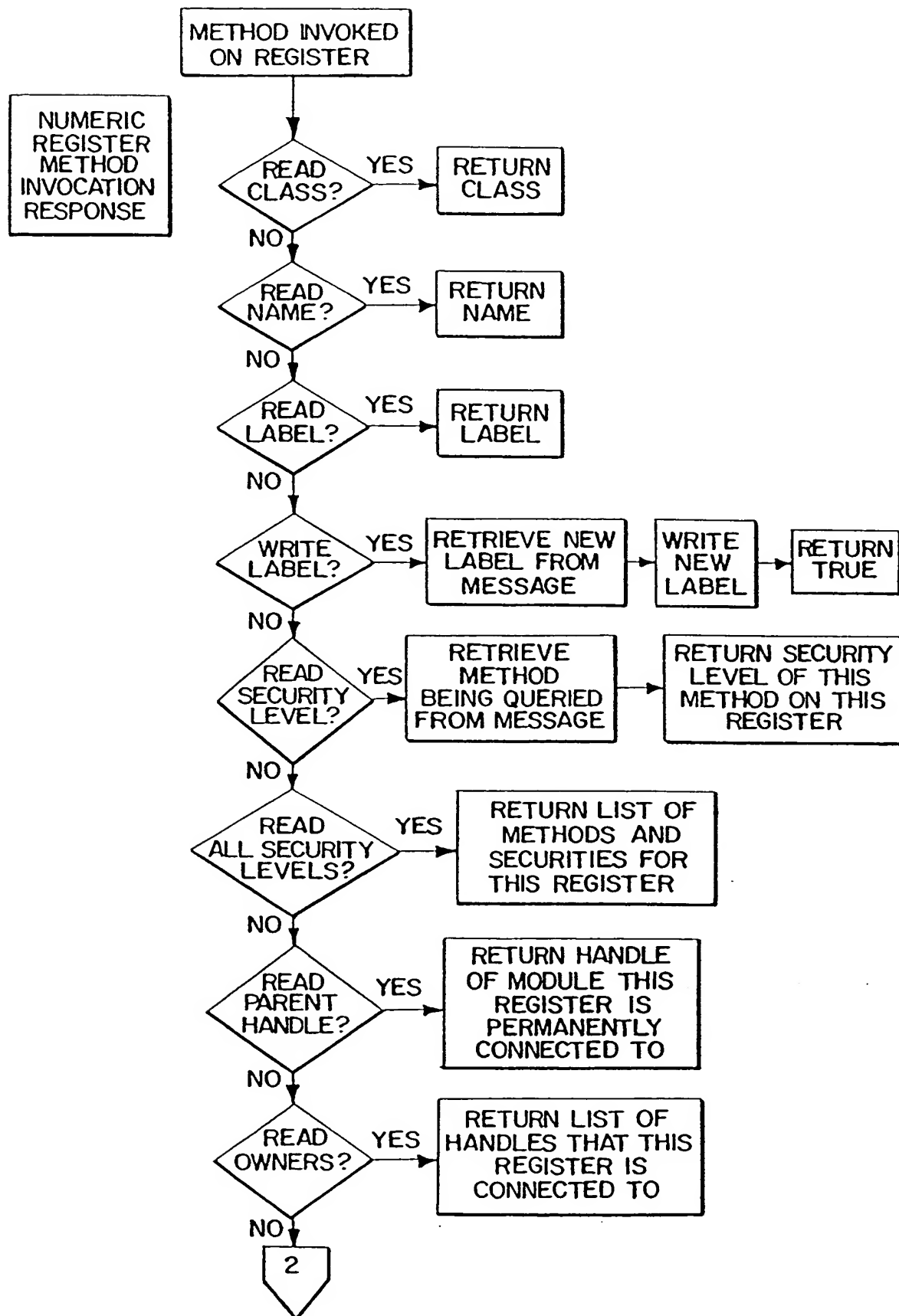


FIG. 29A



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FIG. 29B

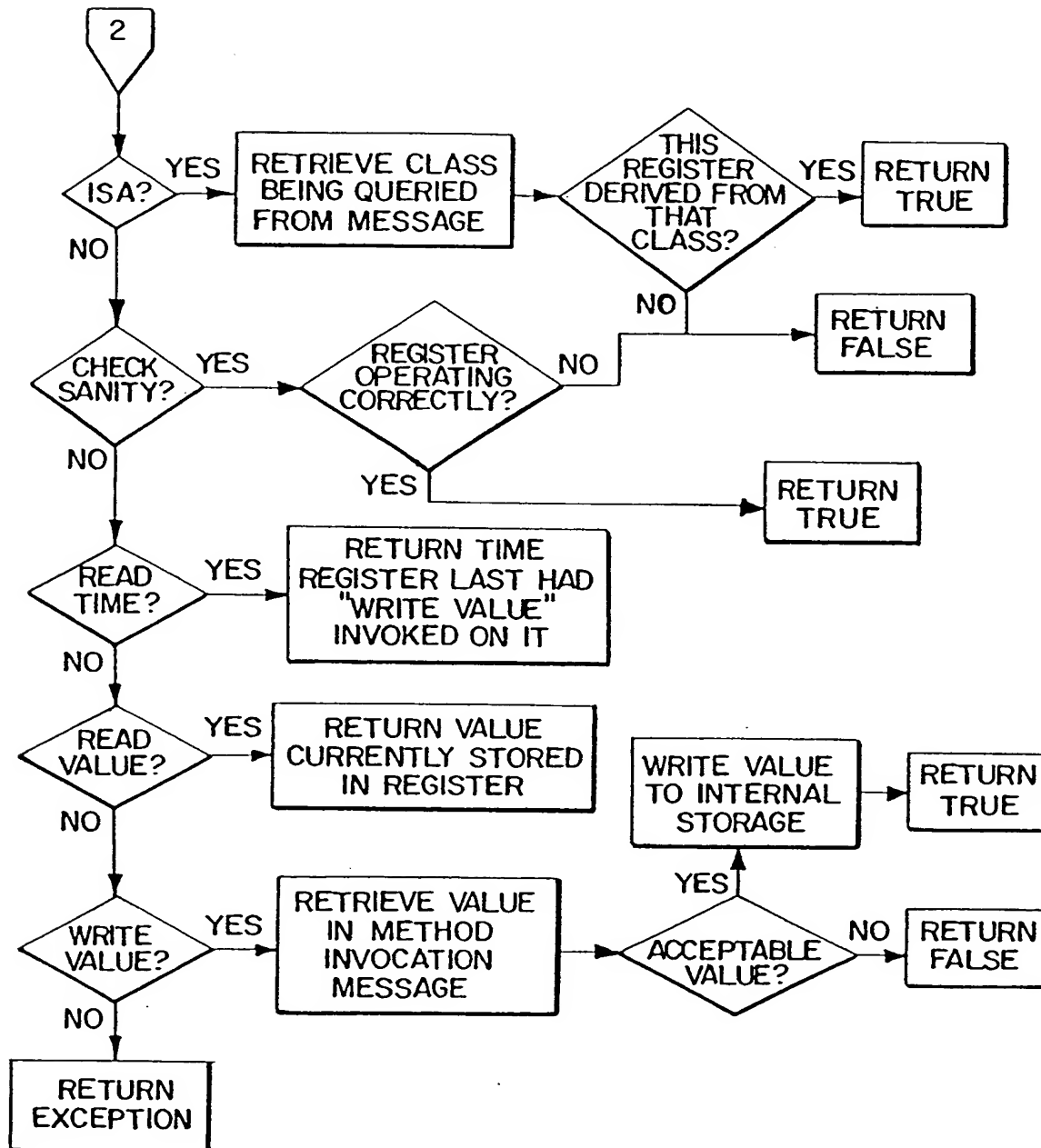


FIG. 30A

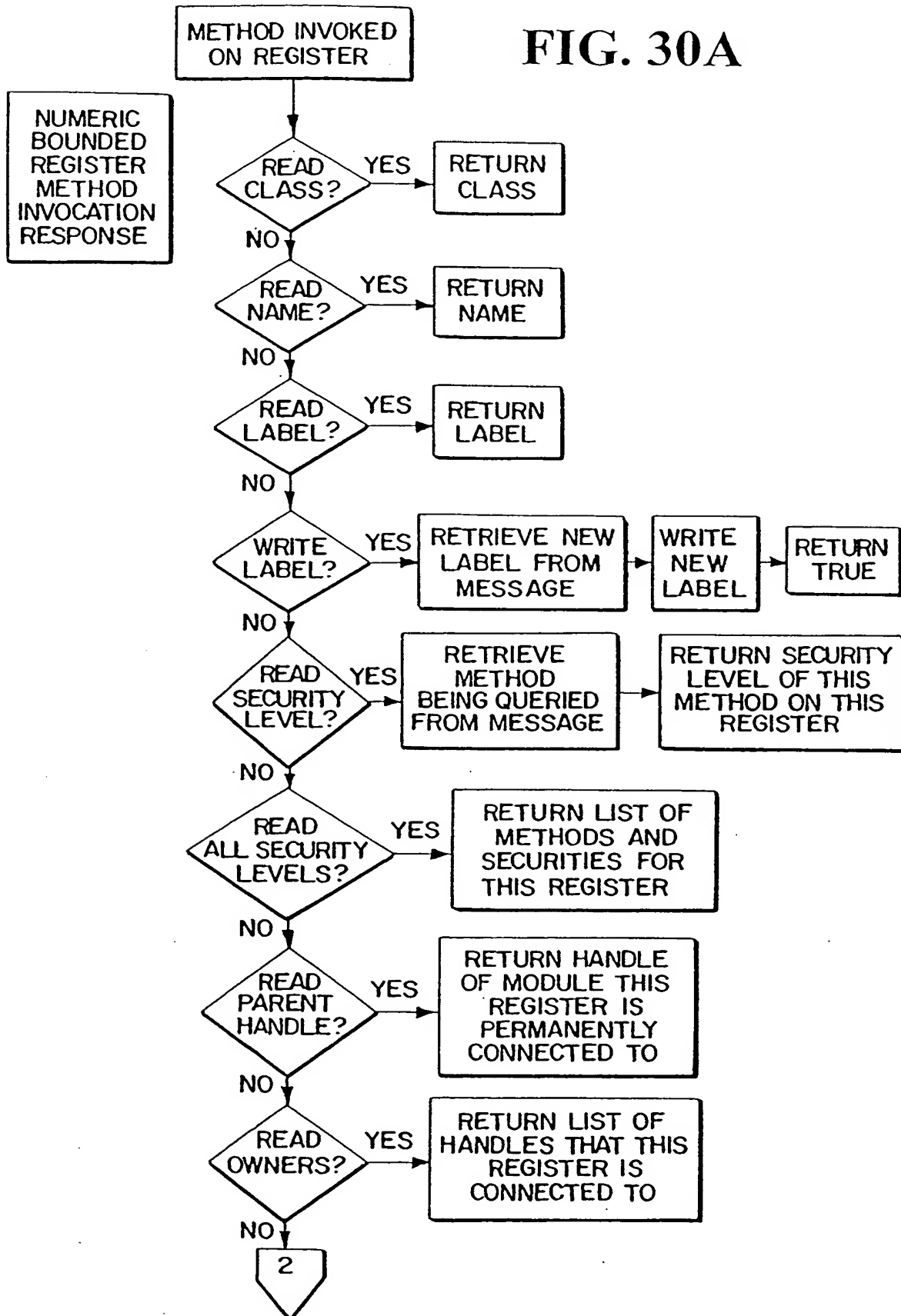
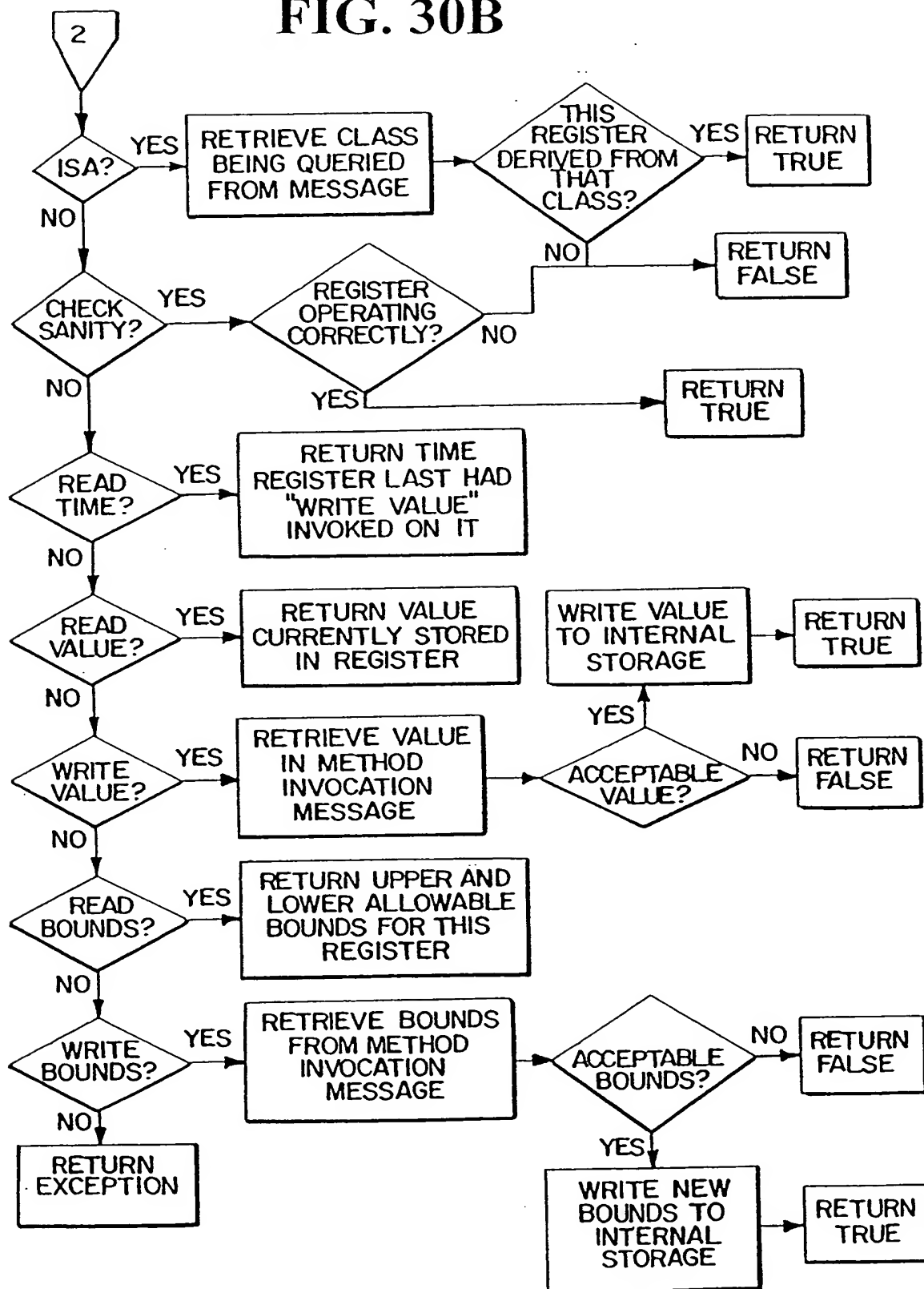
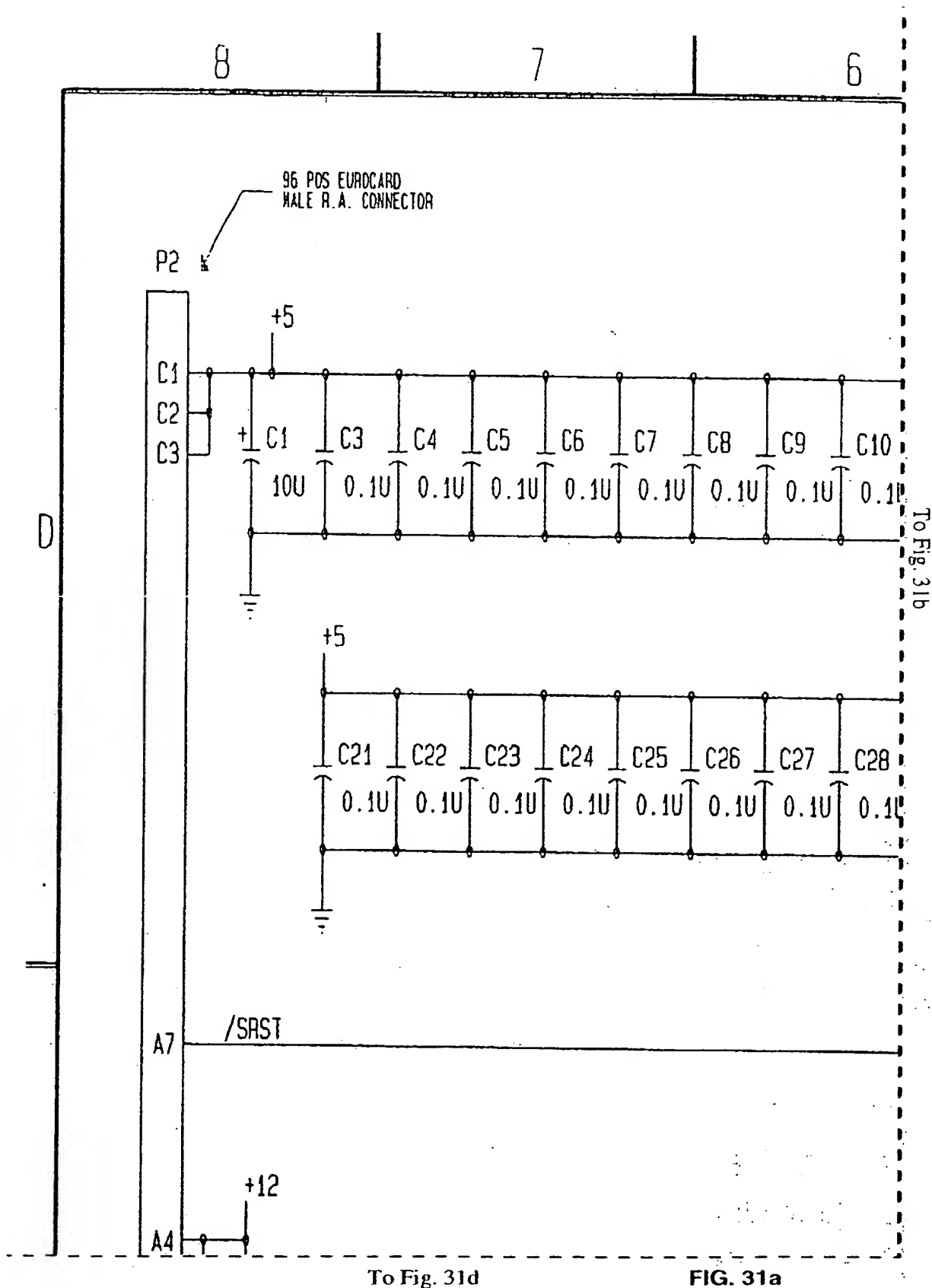
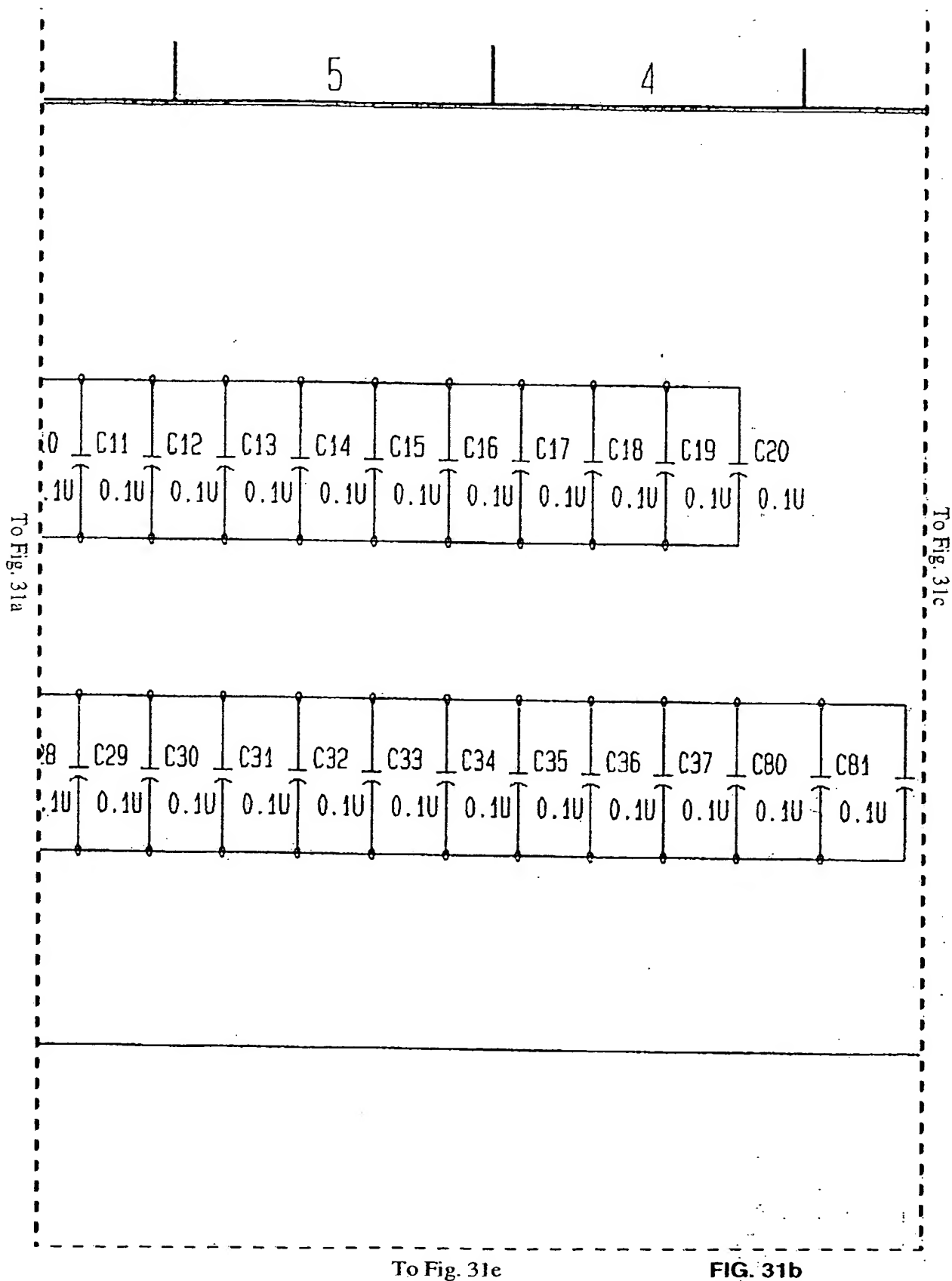


FIG. 30B

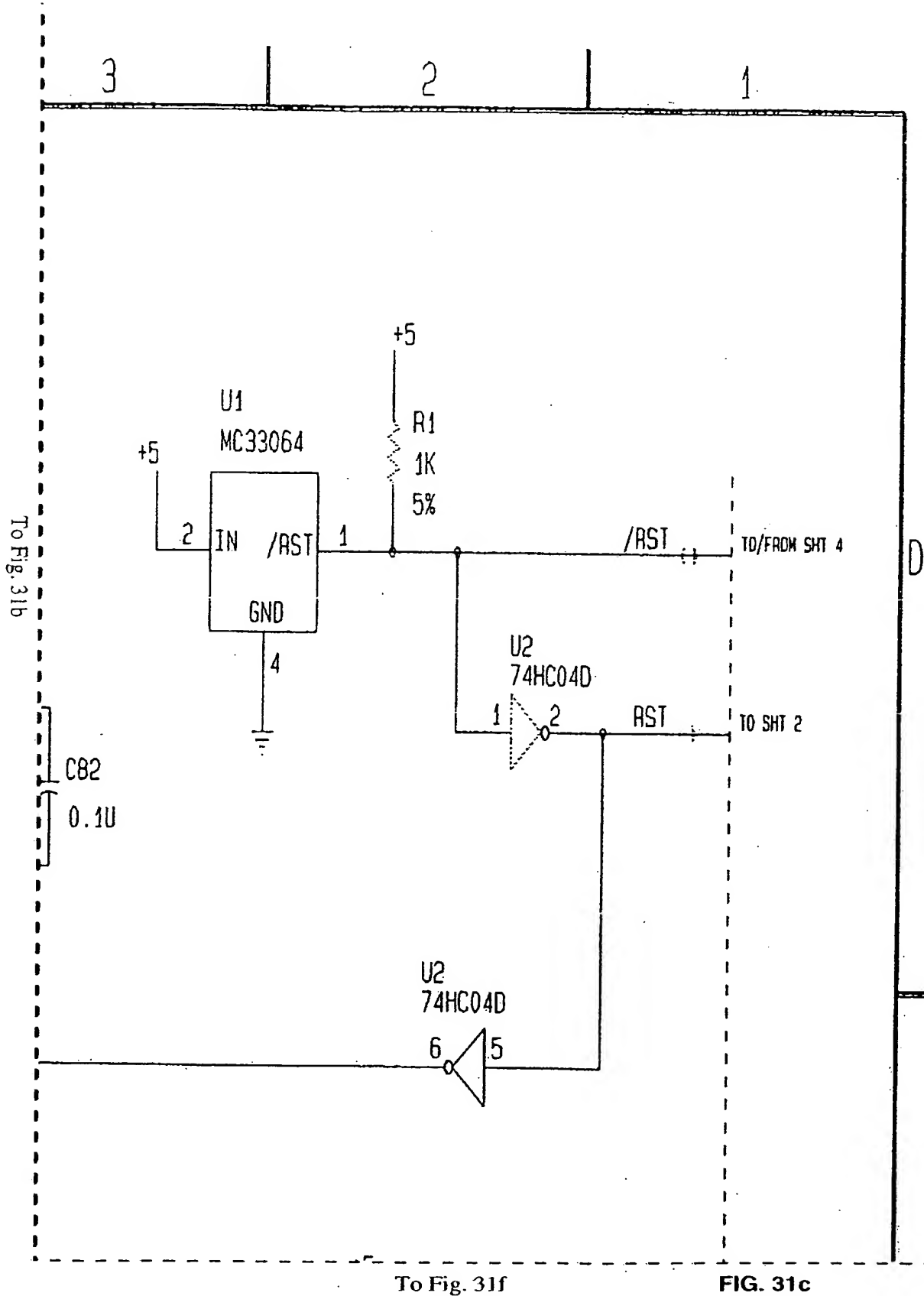




65 08 207

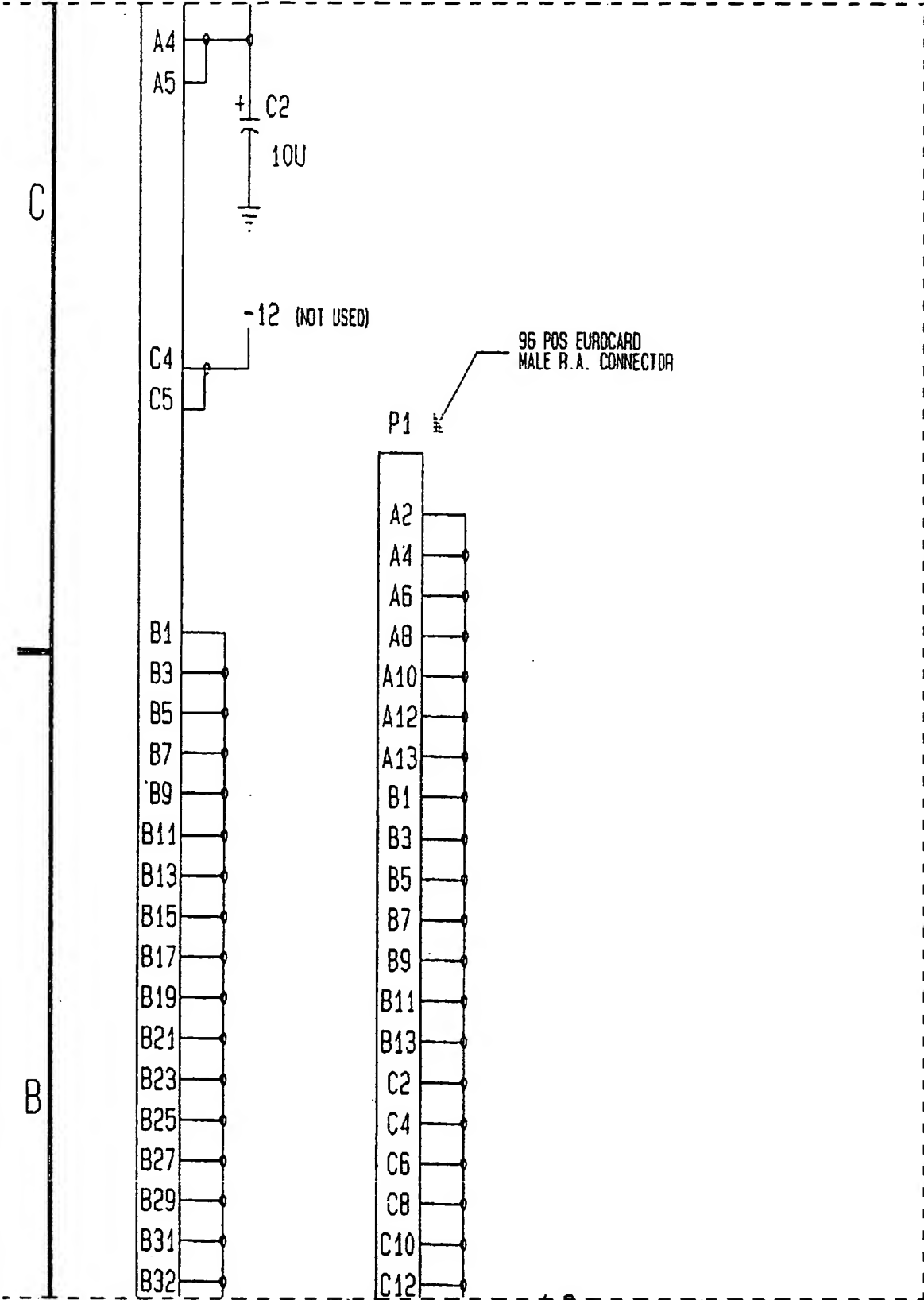


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To Fig. 31a



To Fig. 31e

To Fig. 31g

FIG. 31d

68 07207

To Fig. 31b

To Fig. 31d

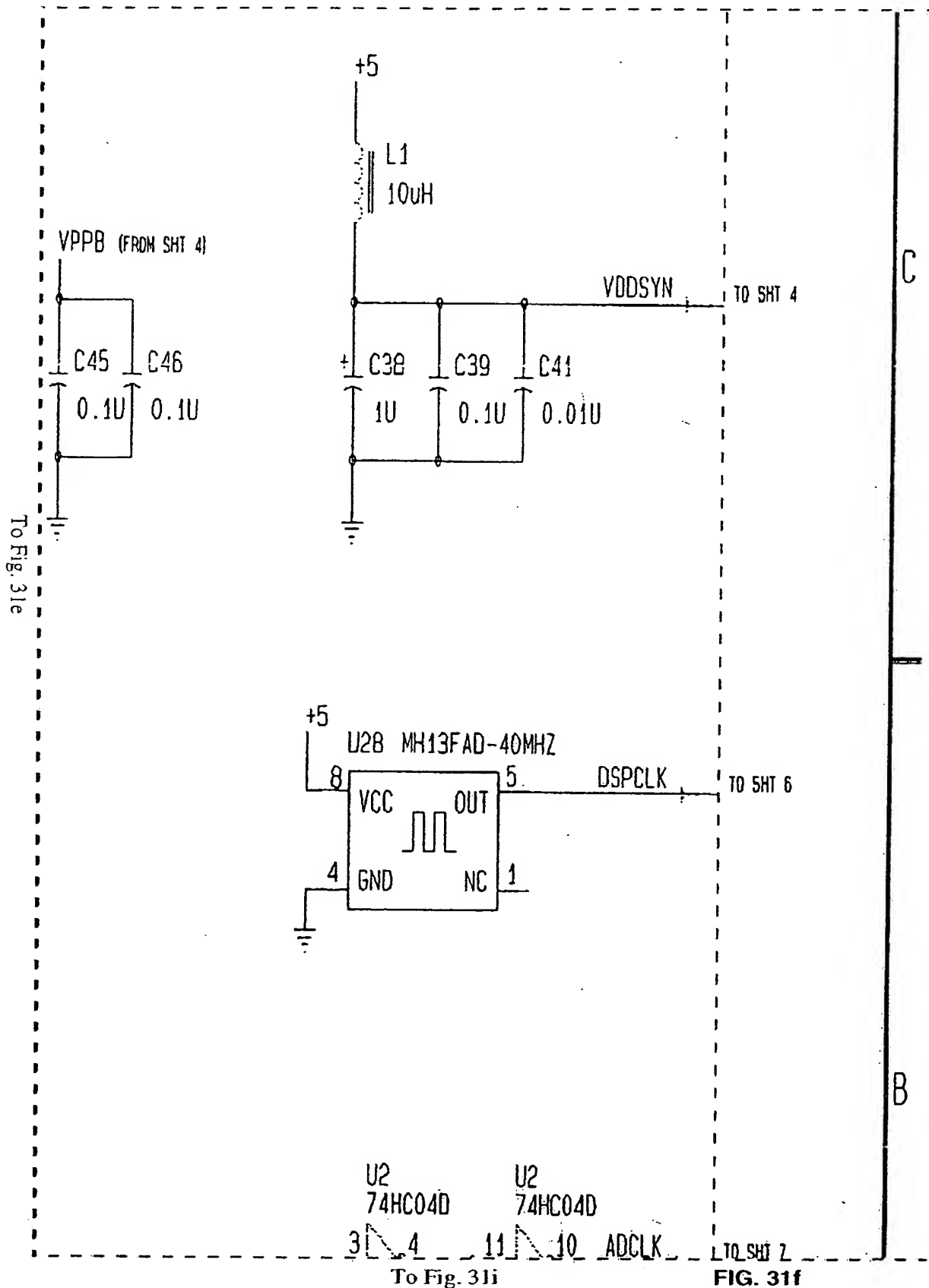
To Fig. 31f

To Fig. 31h

FIG. 31e

69 08 207

To Fig. 31c



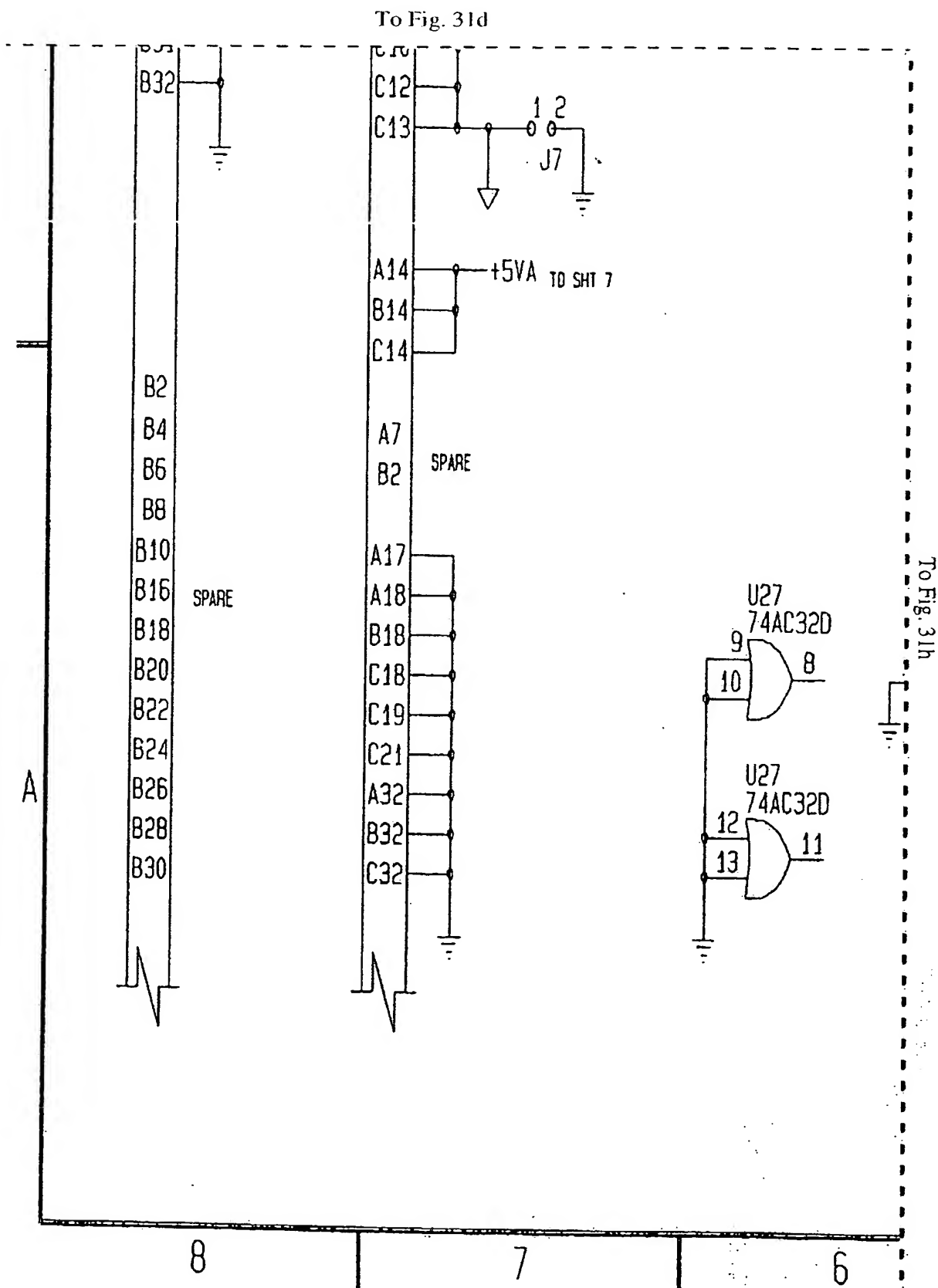
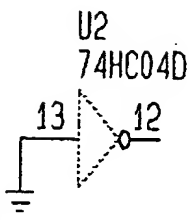


FIG. 31g

To Fig. 31e

To Fig. 31g



To Fig. 31i

This schematic
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of CD Power M

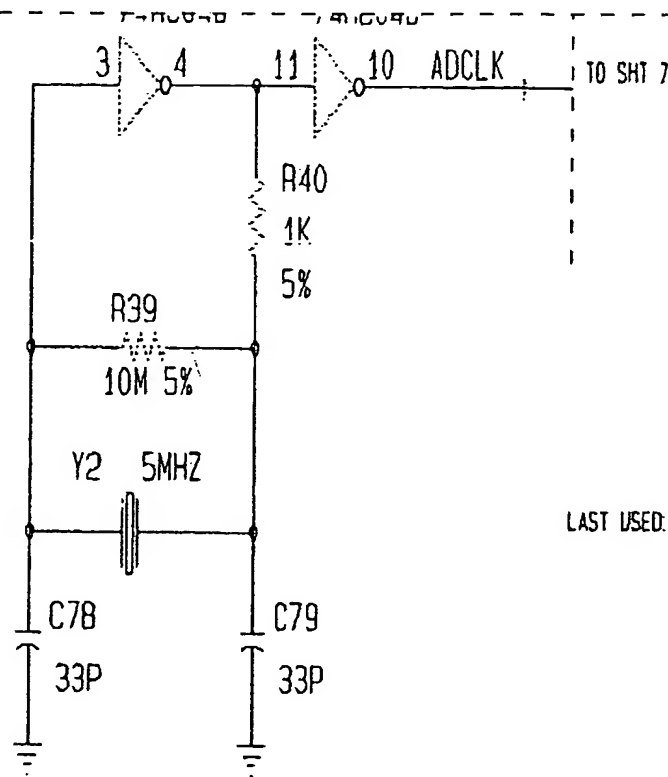
5

4

FIG. 31h

72 06 207

To Fig. 31f



LAST USED: C83
R62
U28
P3
J17
TP11
DS2

To Fig. 31h

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POWER MEASUREMENT LTD.

E

REV 1.2

DATE: MAY 20, 1993

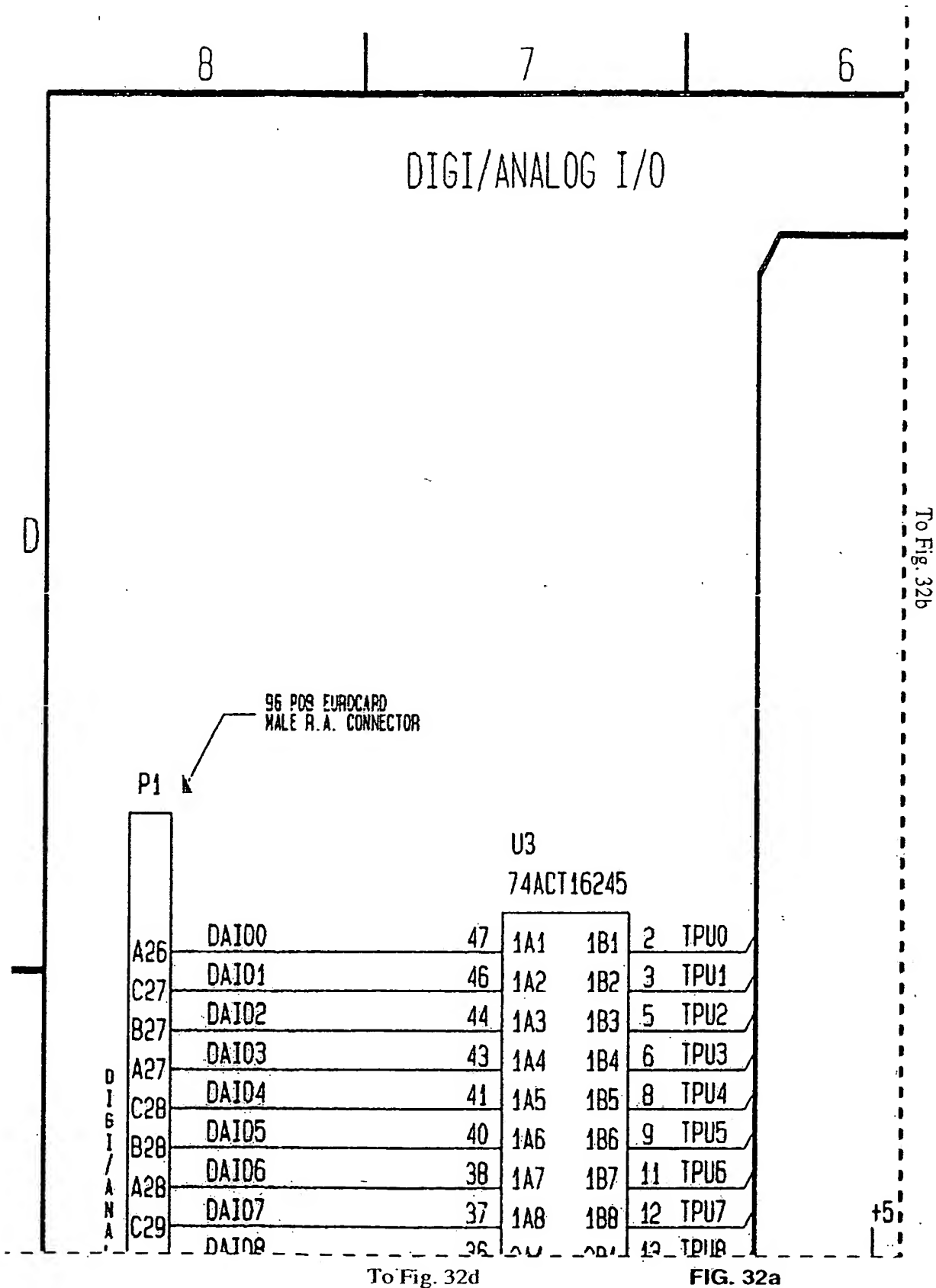
SHEET 1 OF 7

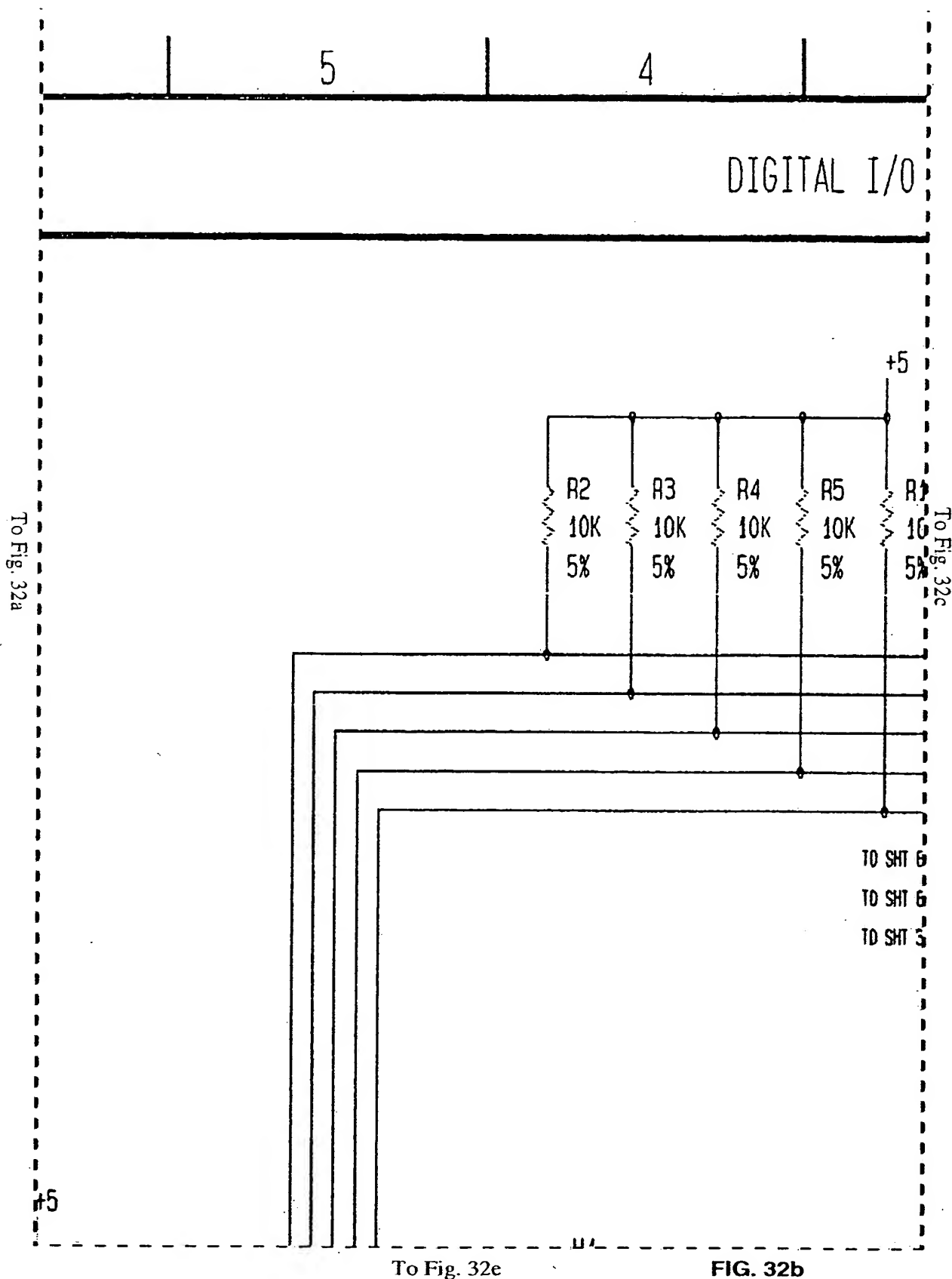
3

2

1

FIG. 31i

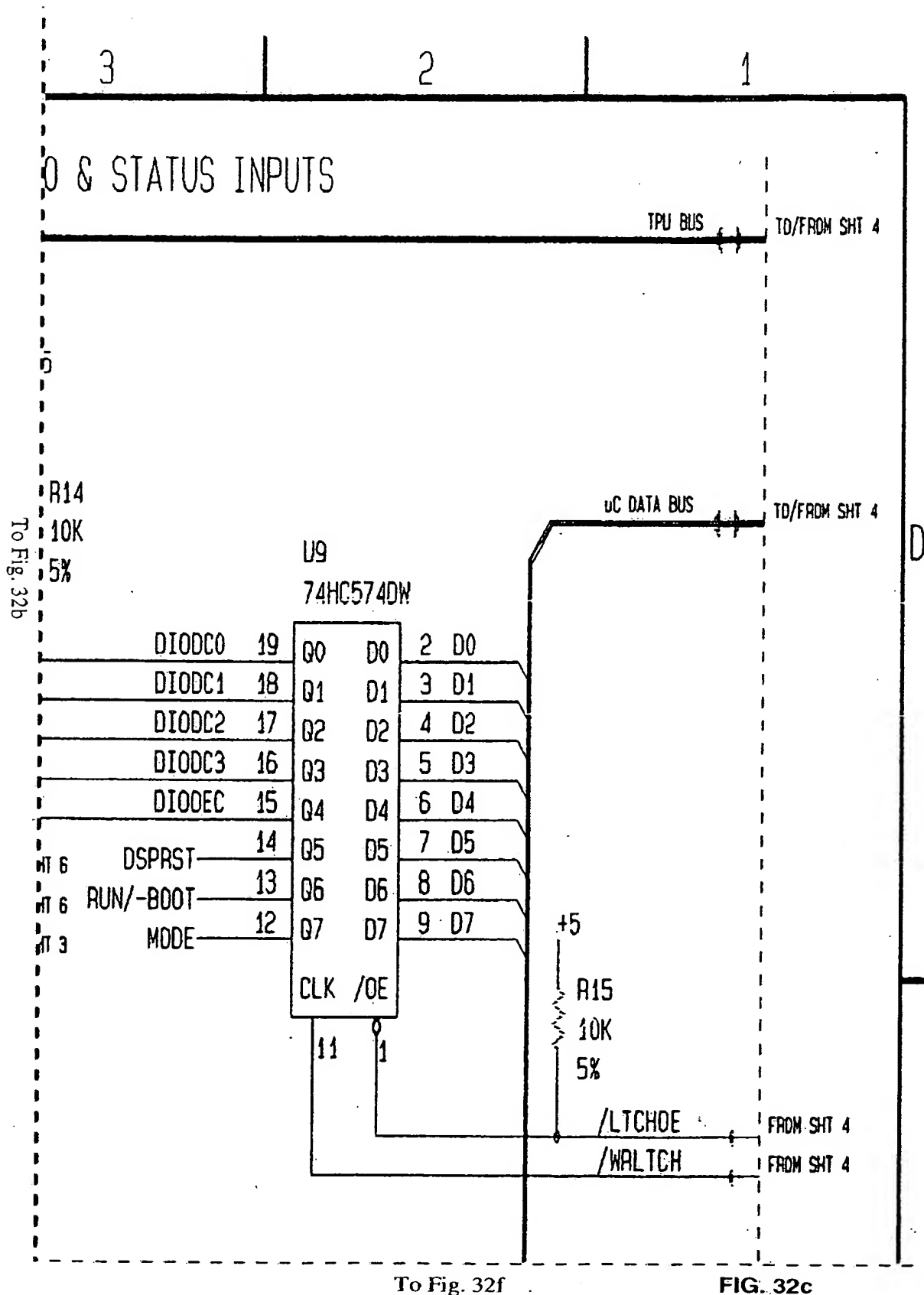




To Fig. 32c

FIG. 32b

75 88 207

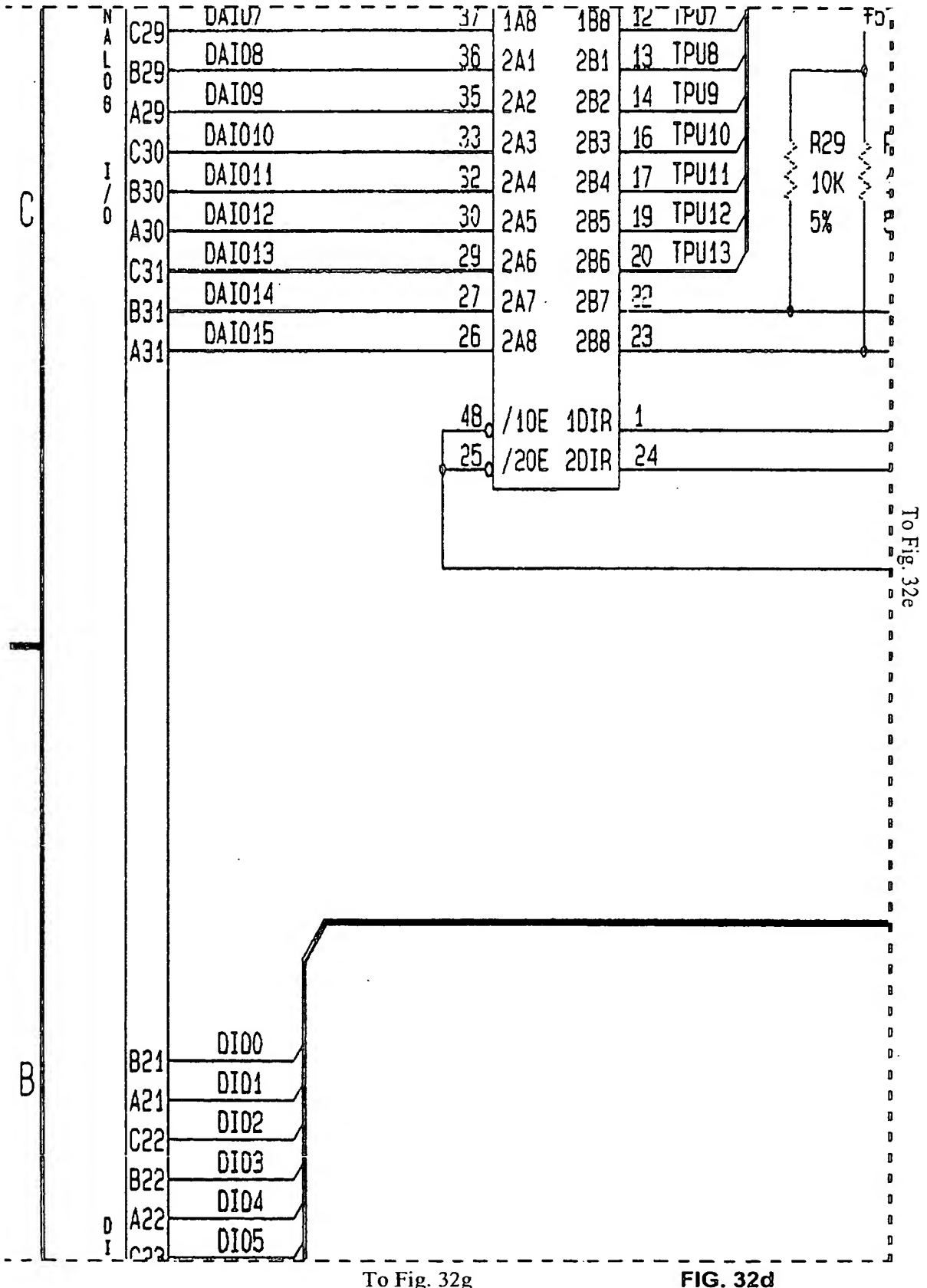


To Fig. 32f

FIG. 32c

76 08 207

To Fig. 32a

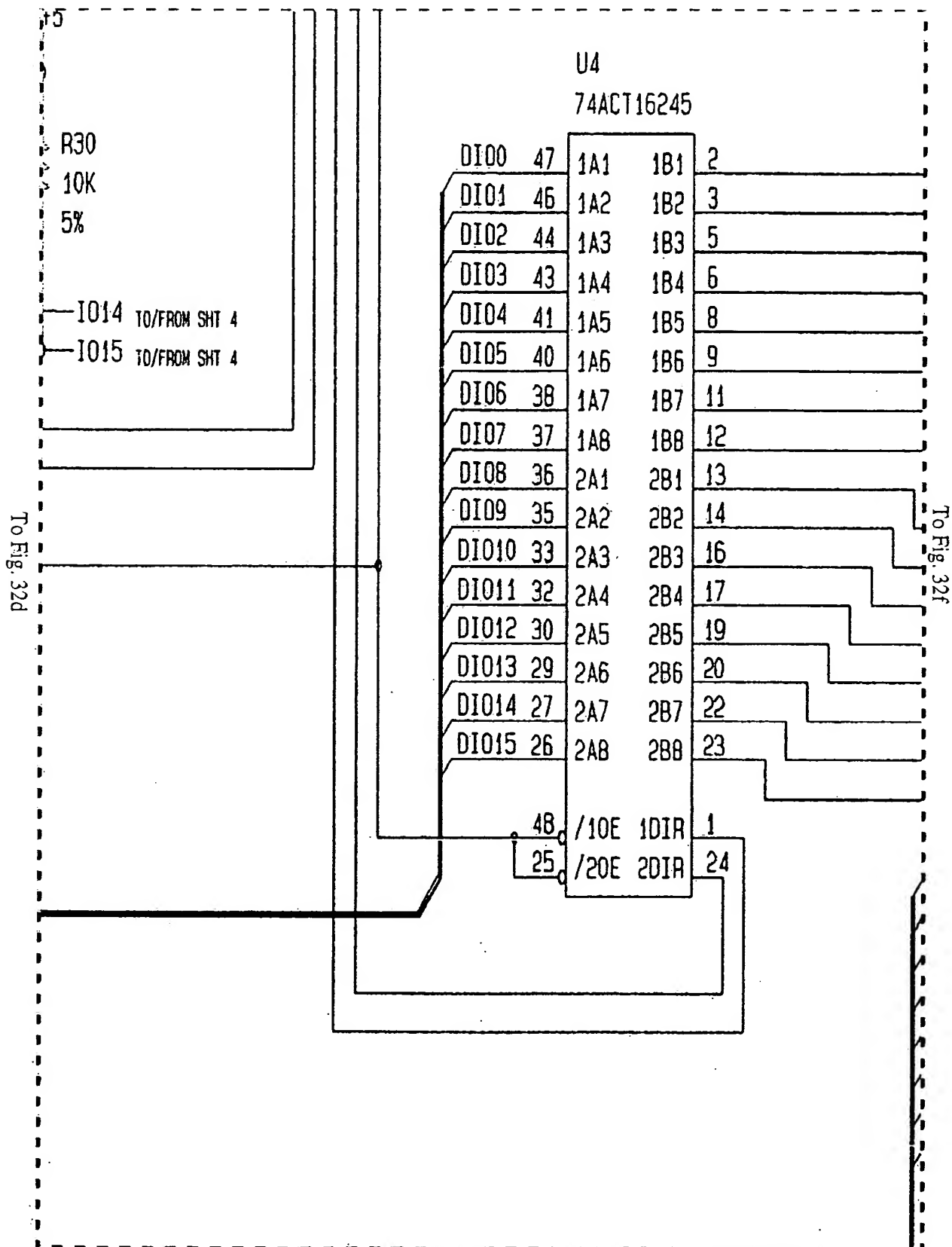


To Fig. 32g

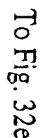
FIG. 32d

77 06 207

To Fig. 32b



To Fig. 32c



To Fig. 32i

FIG. 32f

79 8207

To Fig. 32d

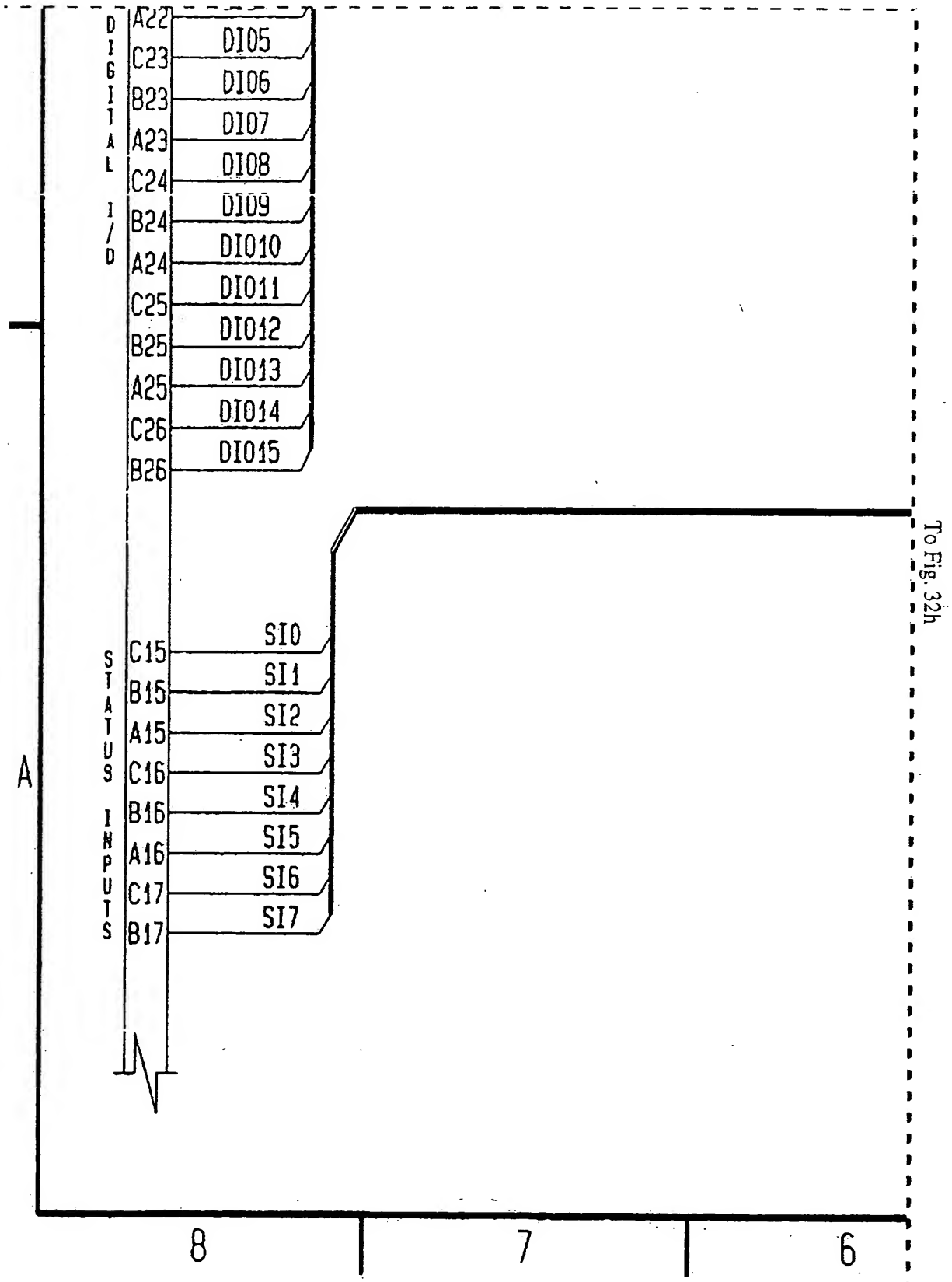


FIG. 32g

80 8207

To Fig. 32e

To Fig. 32g

To Fig. 32i

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FIG. 32h

To Fig. 32f

To Fig. 32h

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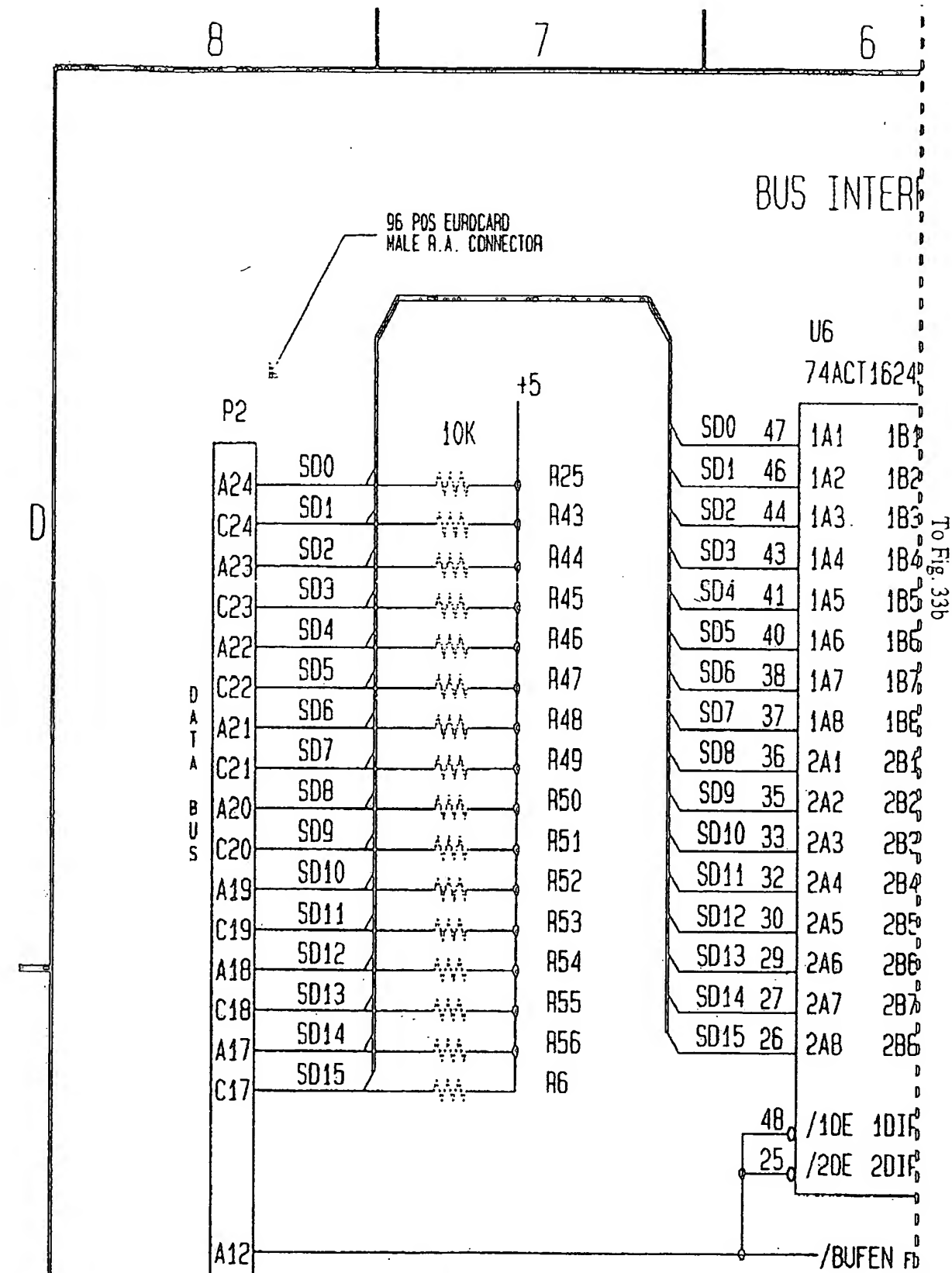
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FIG. 32i

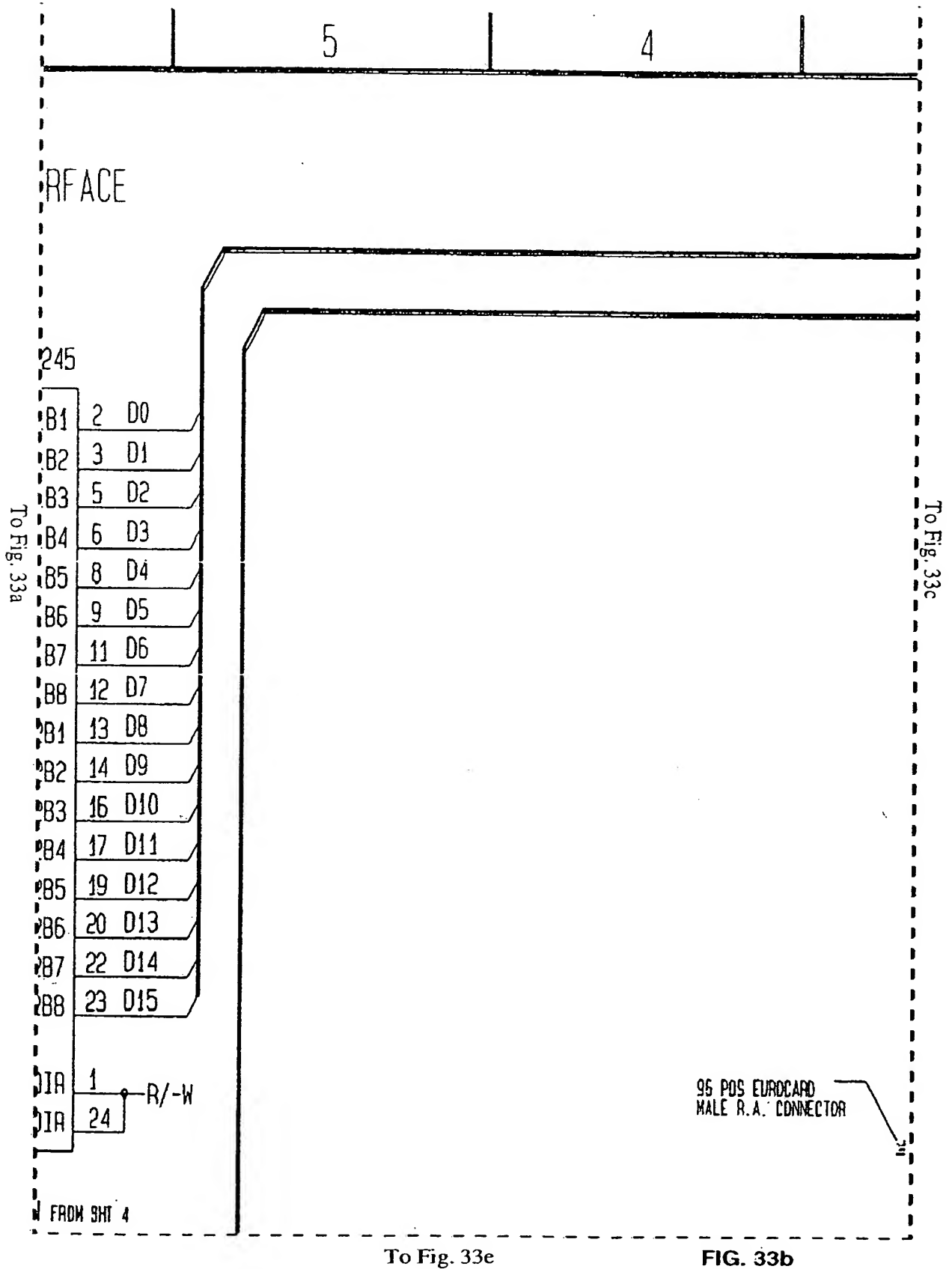
82 06 207



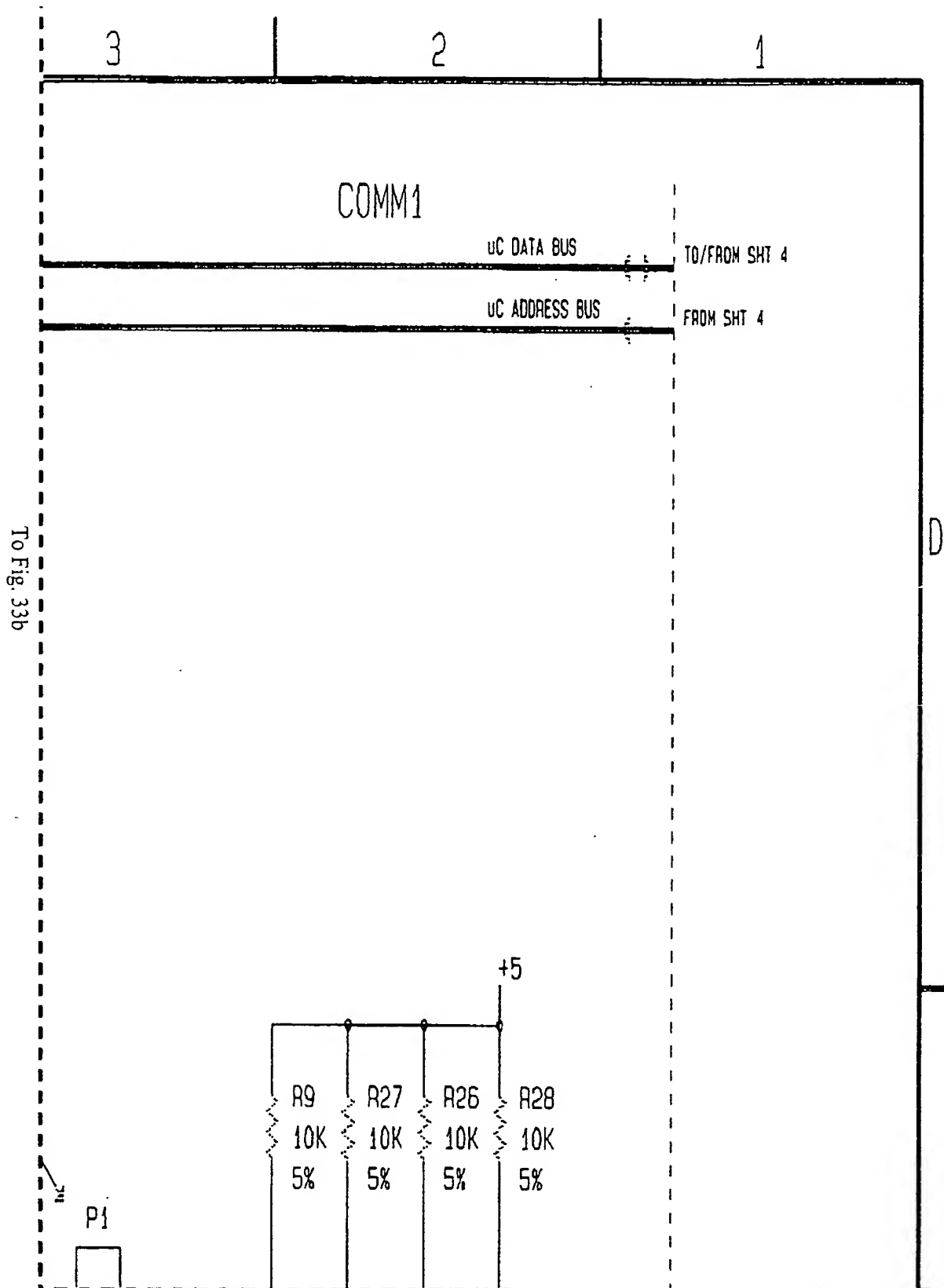
To Fig. 33d

FIG. 33a

83 8007



8408207

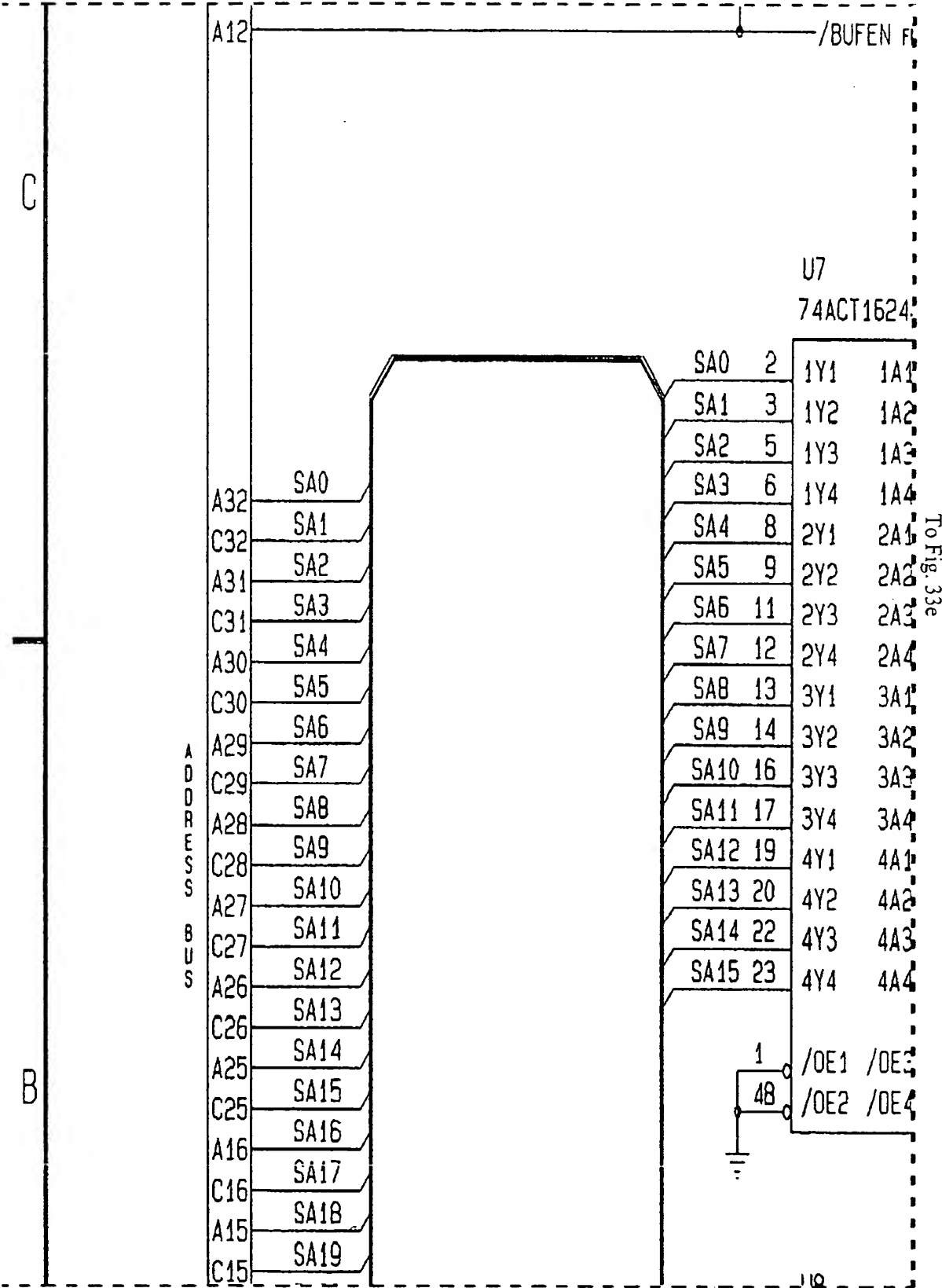


To Fig. 33f

FIG. 33c

89 8 207

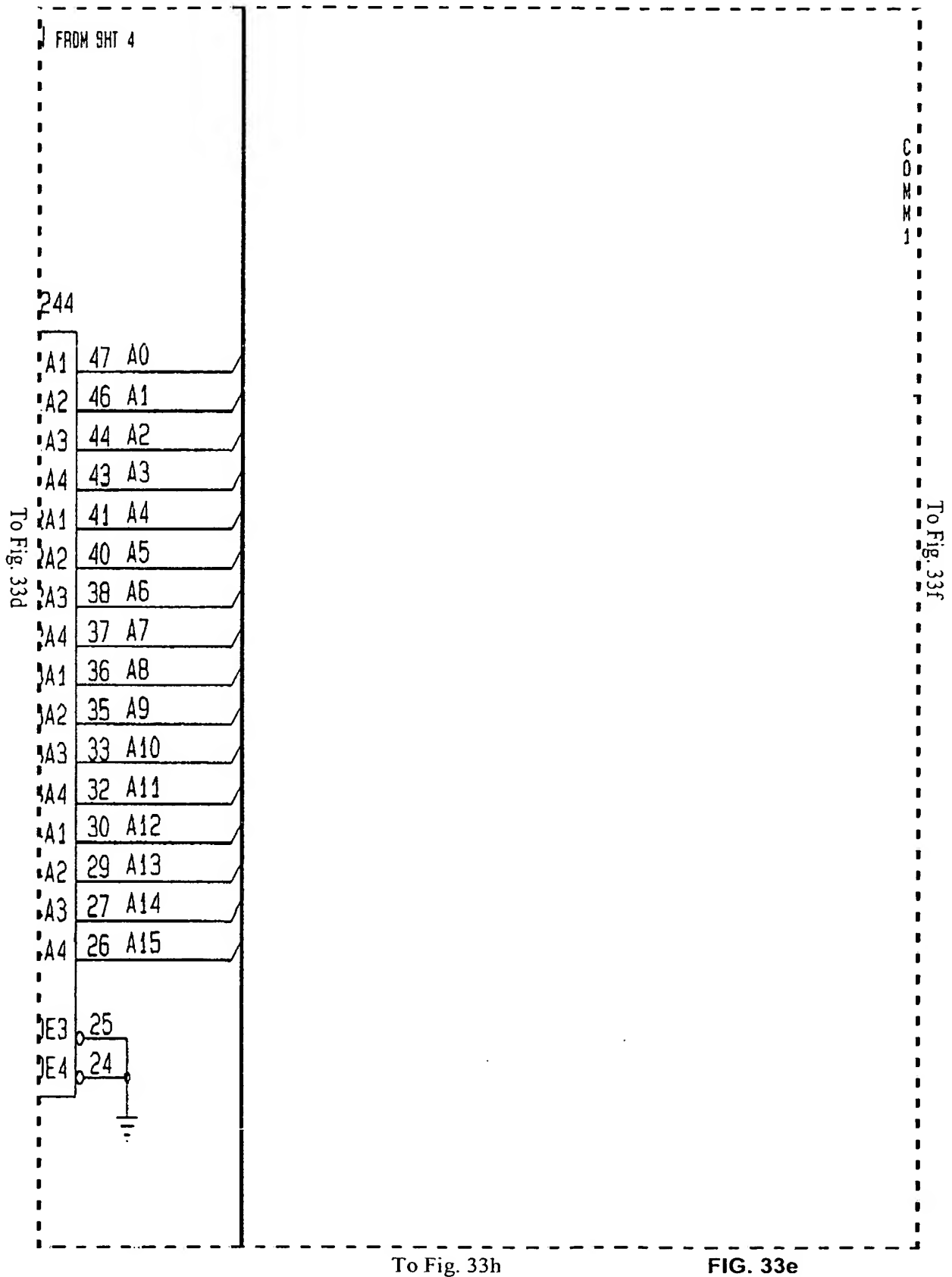
To Fig. 33a

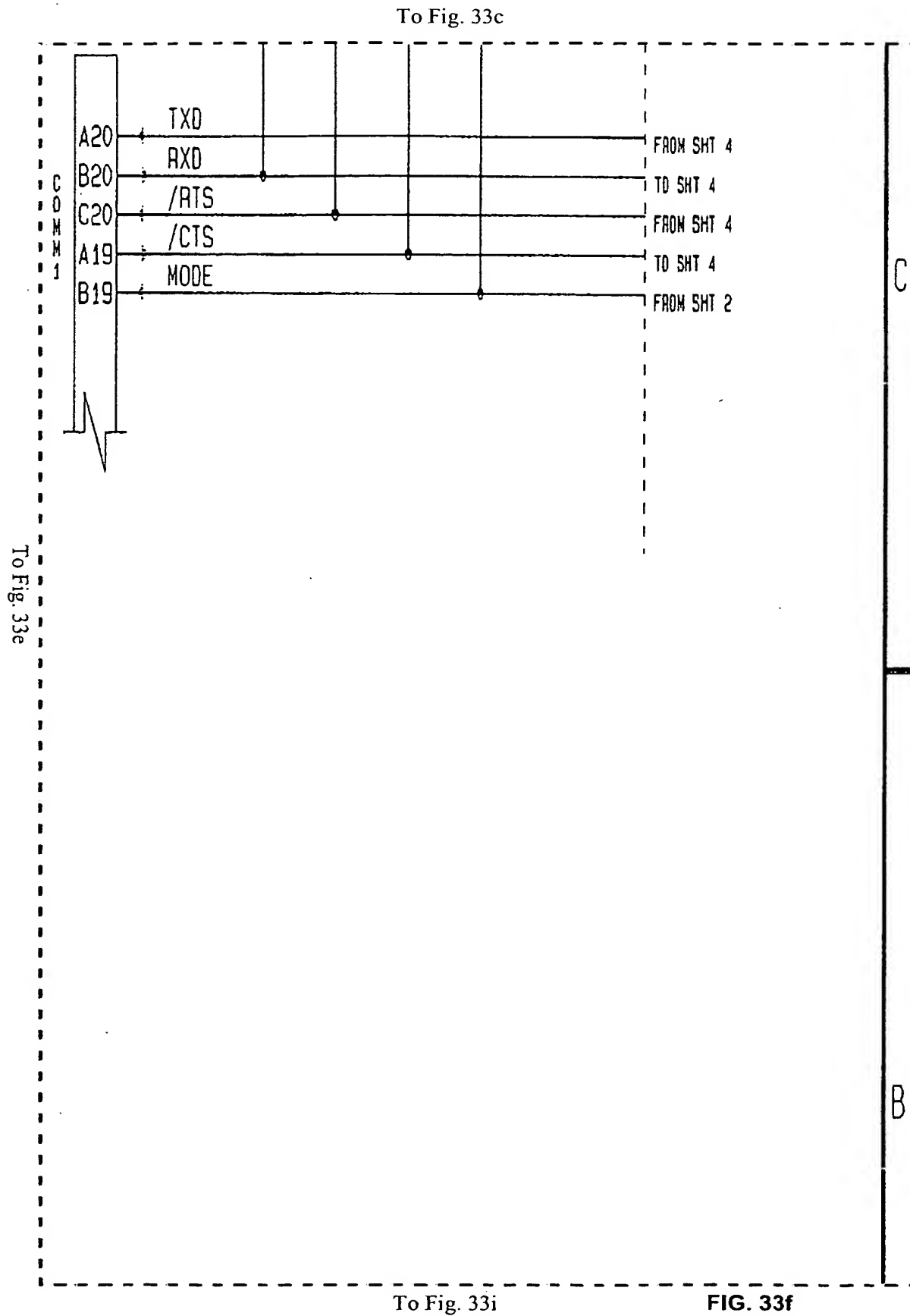


To Fig. 33g

FIG. 33d

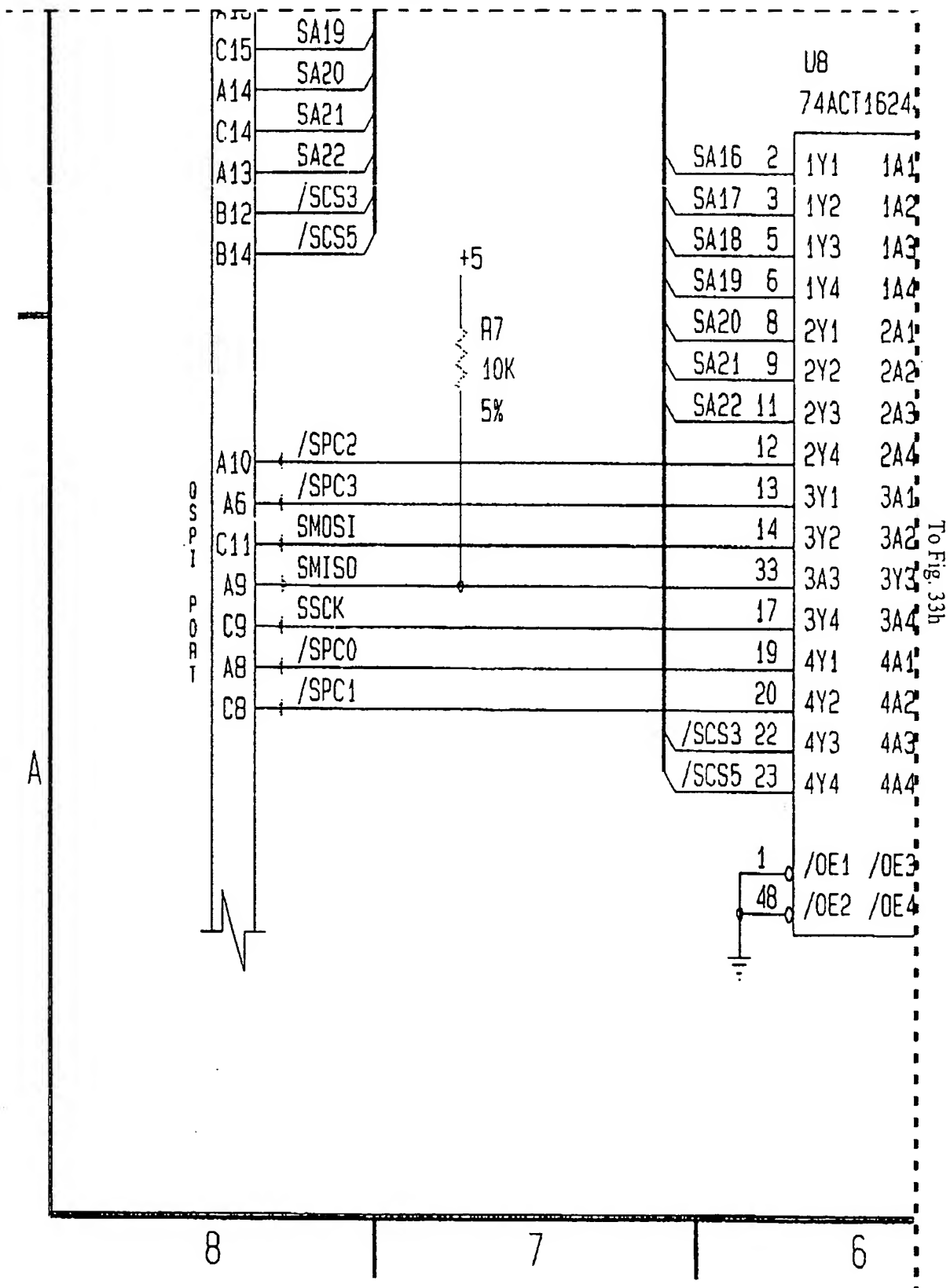
To Fig. 33b





88 2 207

To Fig. 33d

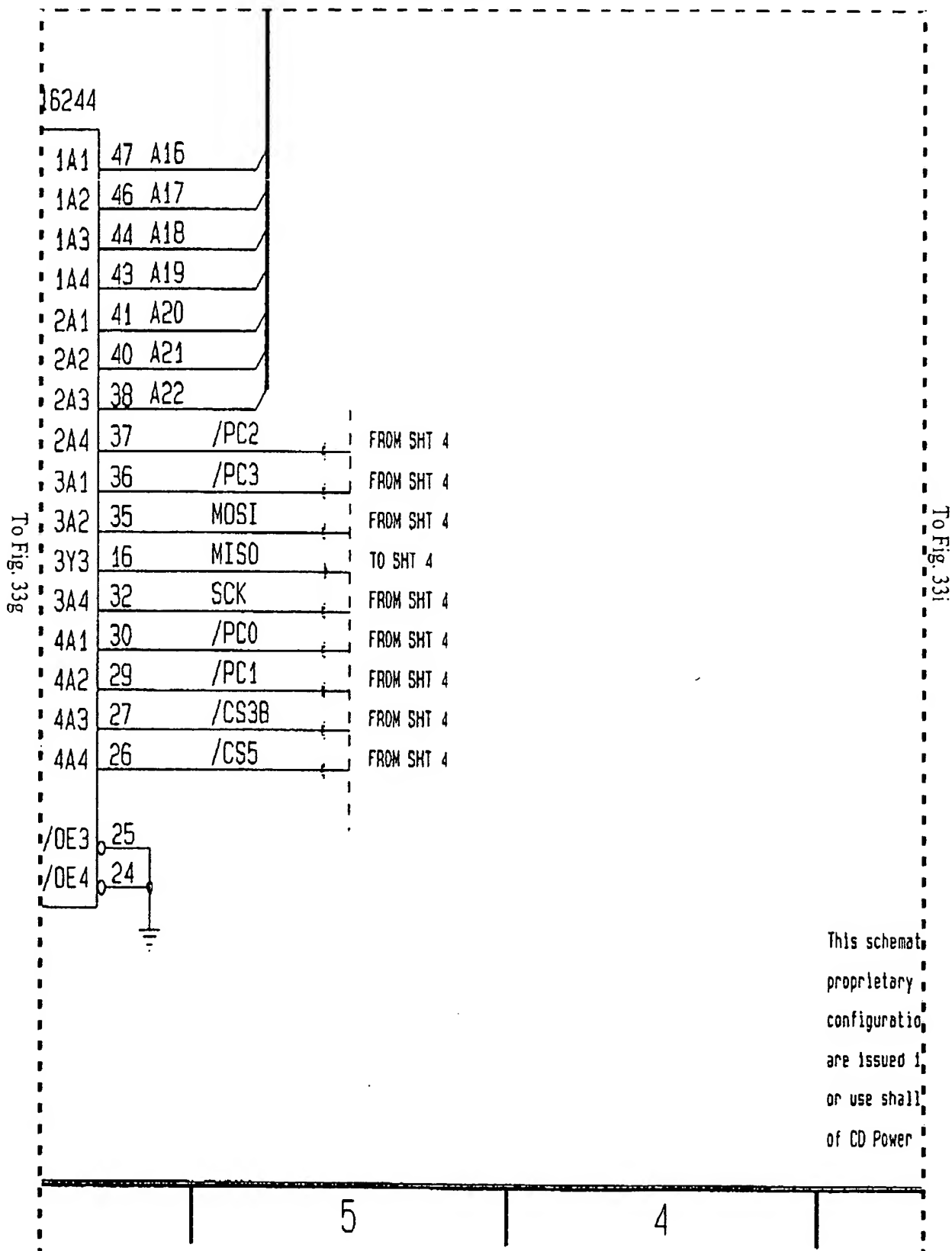


To Fig. 33h

FIG. 33g

89 8 207

To Fig. 33e



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FIG. 33h

90 06 207

To Fig. 33f

To Fig. 33h

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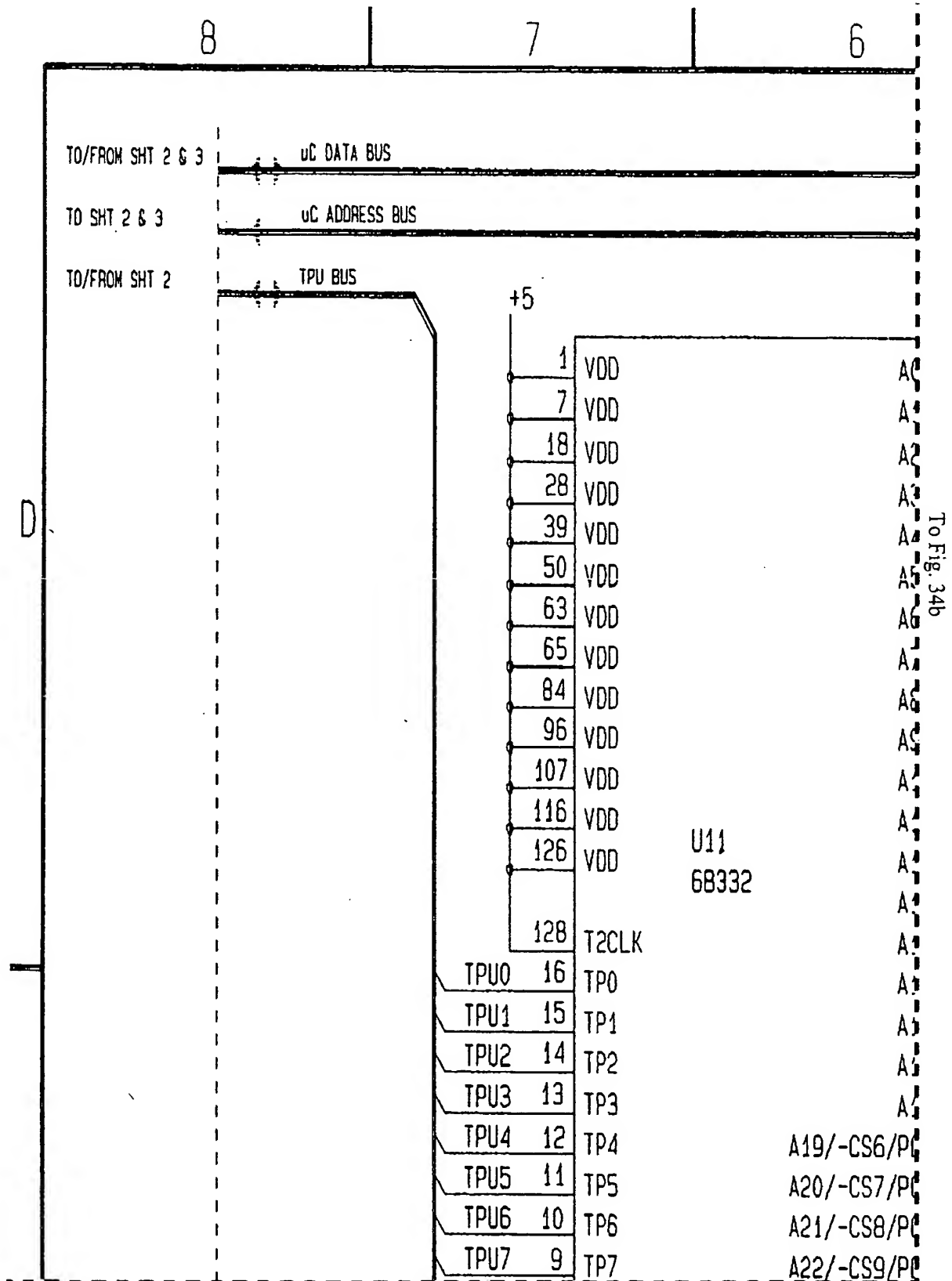
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FIG. 33i

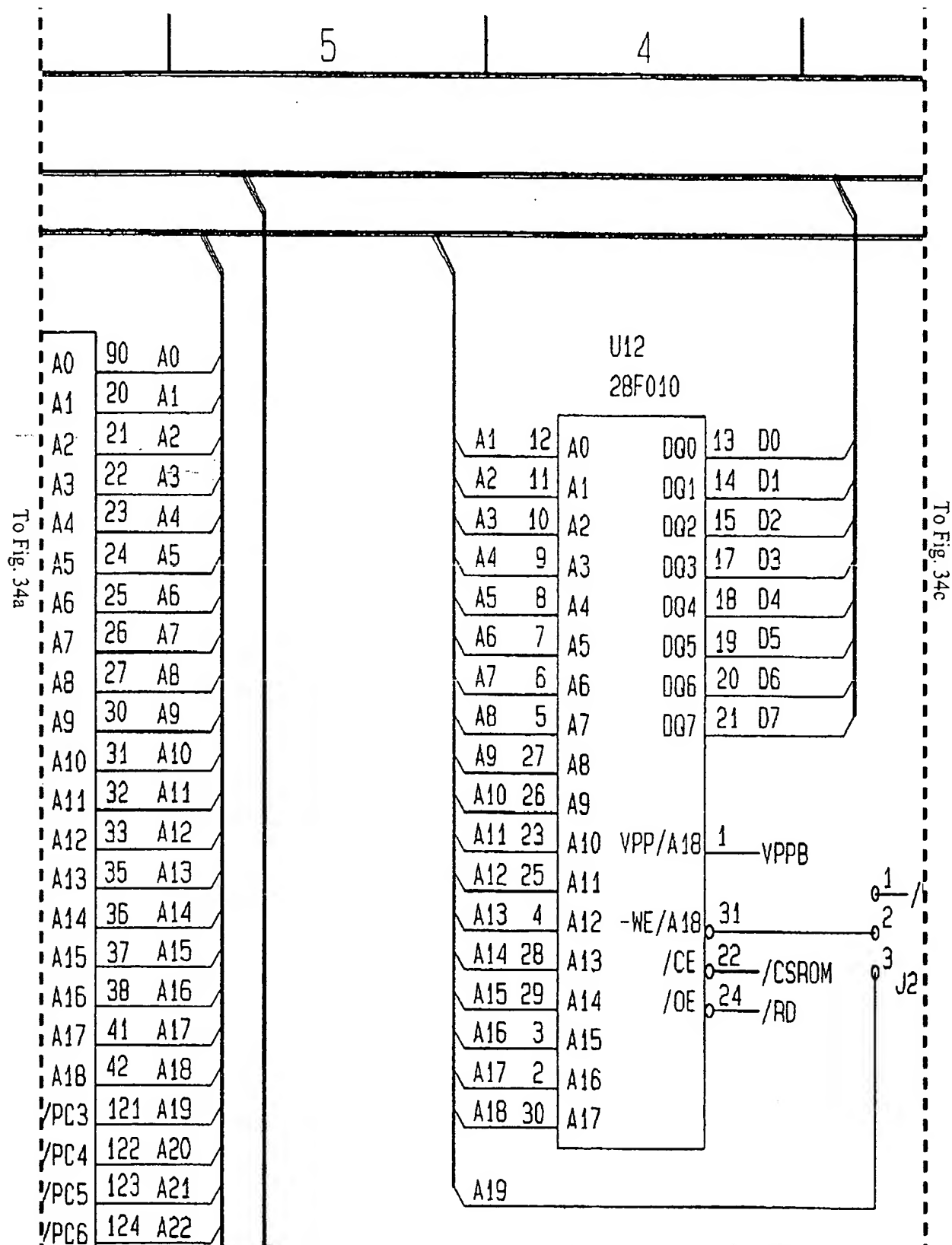
91 06 207



To Fig. 34d

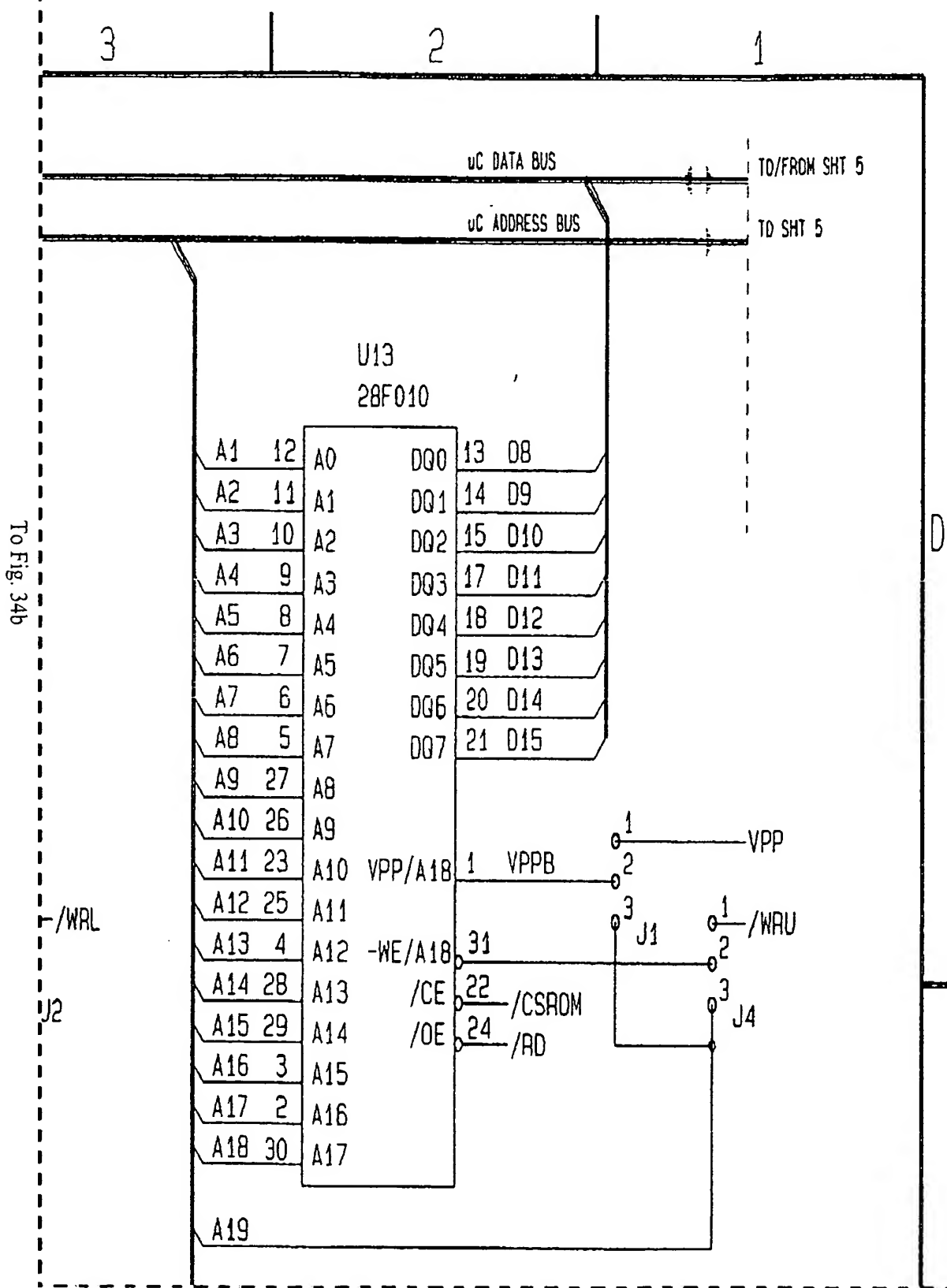
FIG. 34a

92 9 207



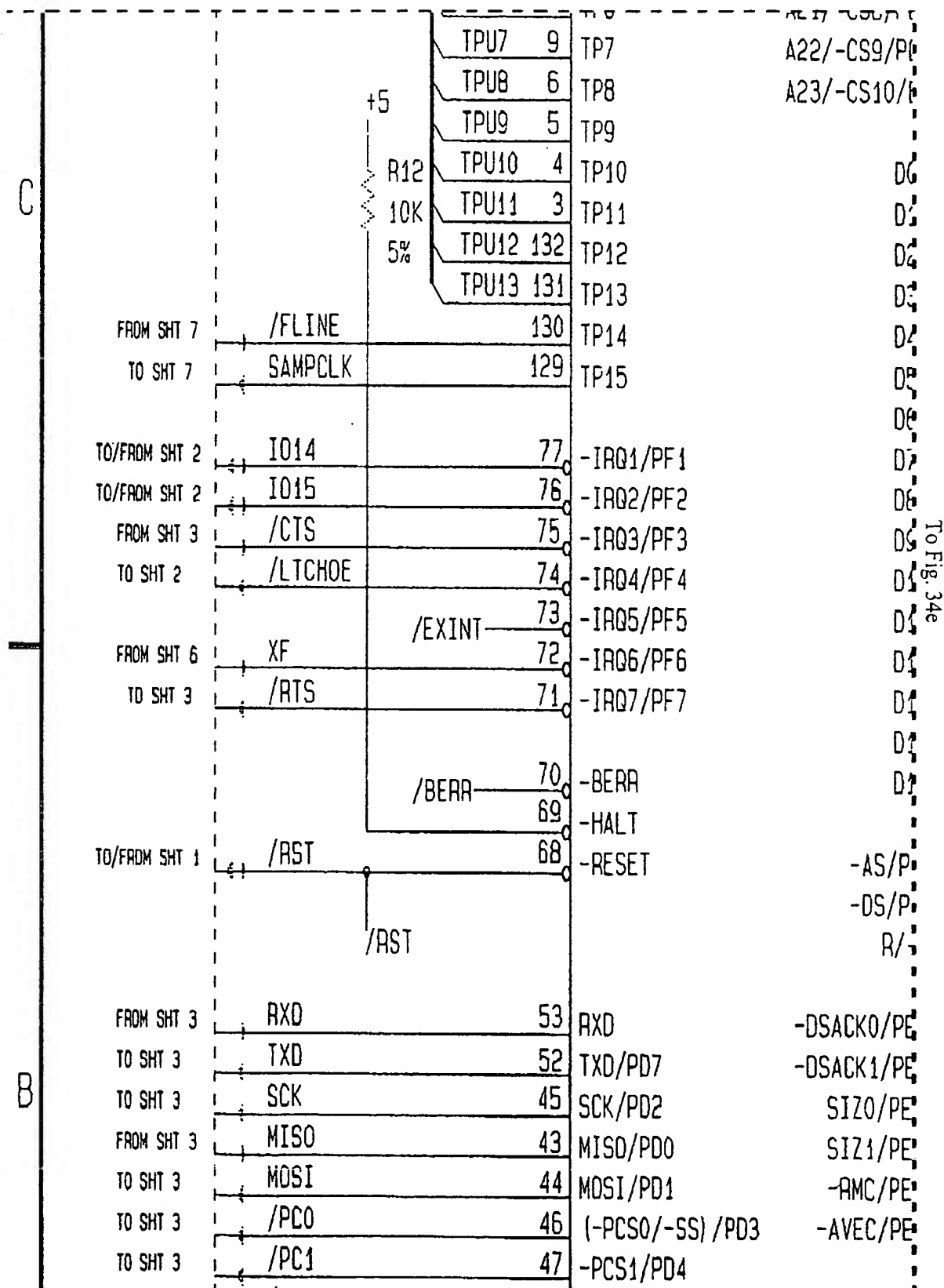
To Fig. 34e

FIG. 34b



94 8 207

To Fig. 34a

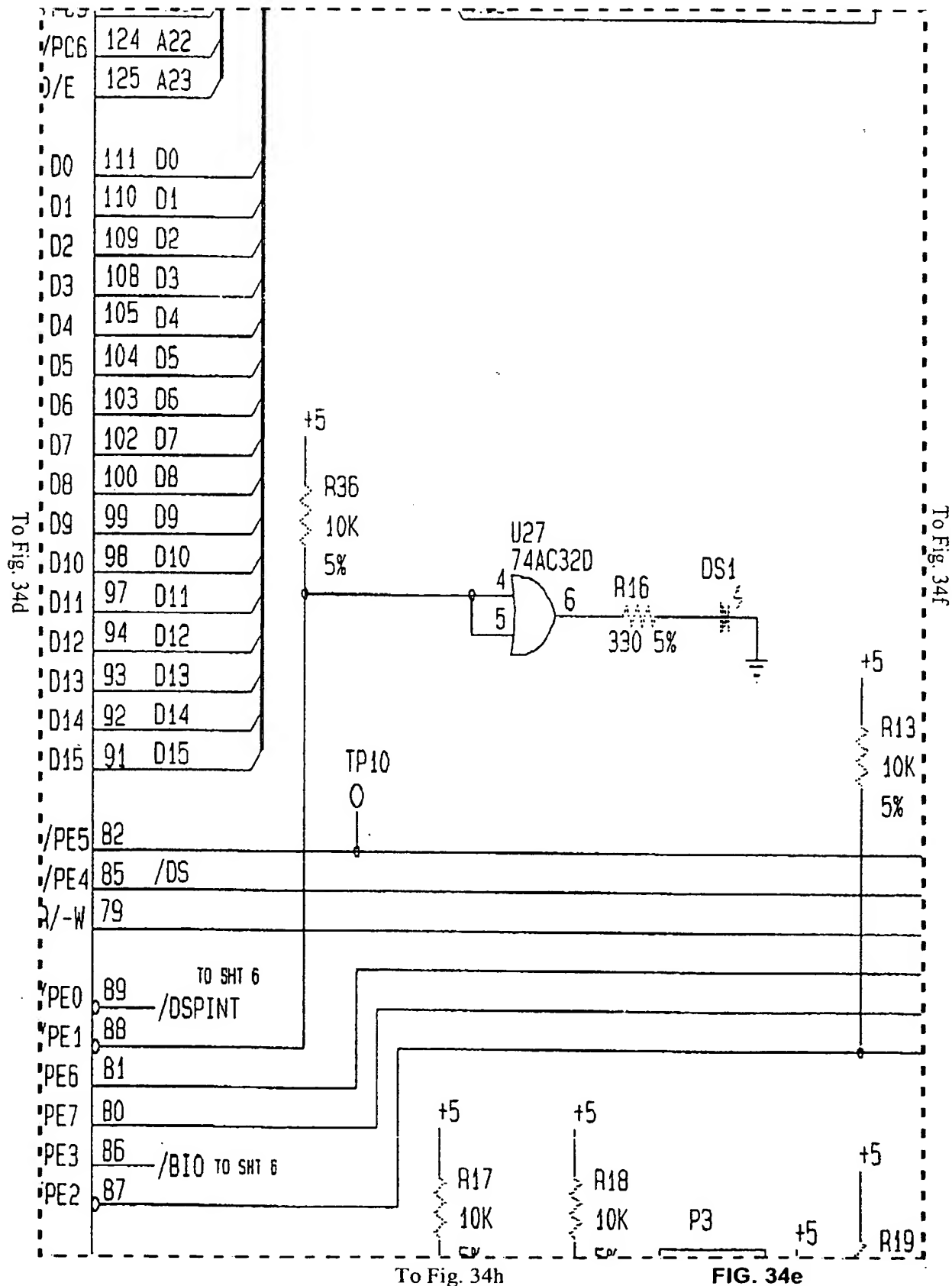


To Fig. 34g

FIG. 34d

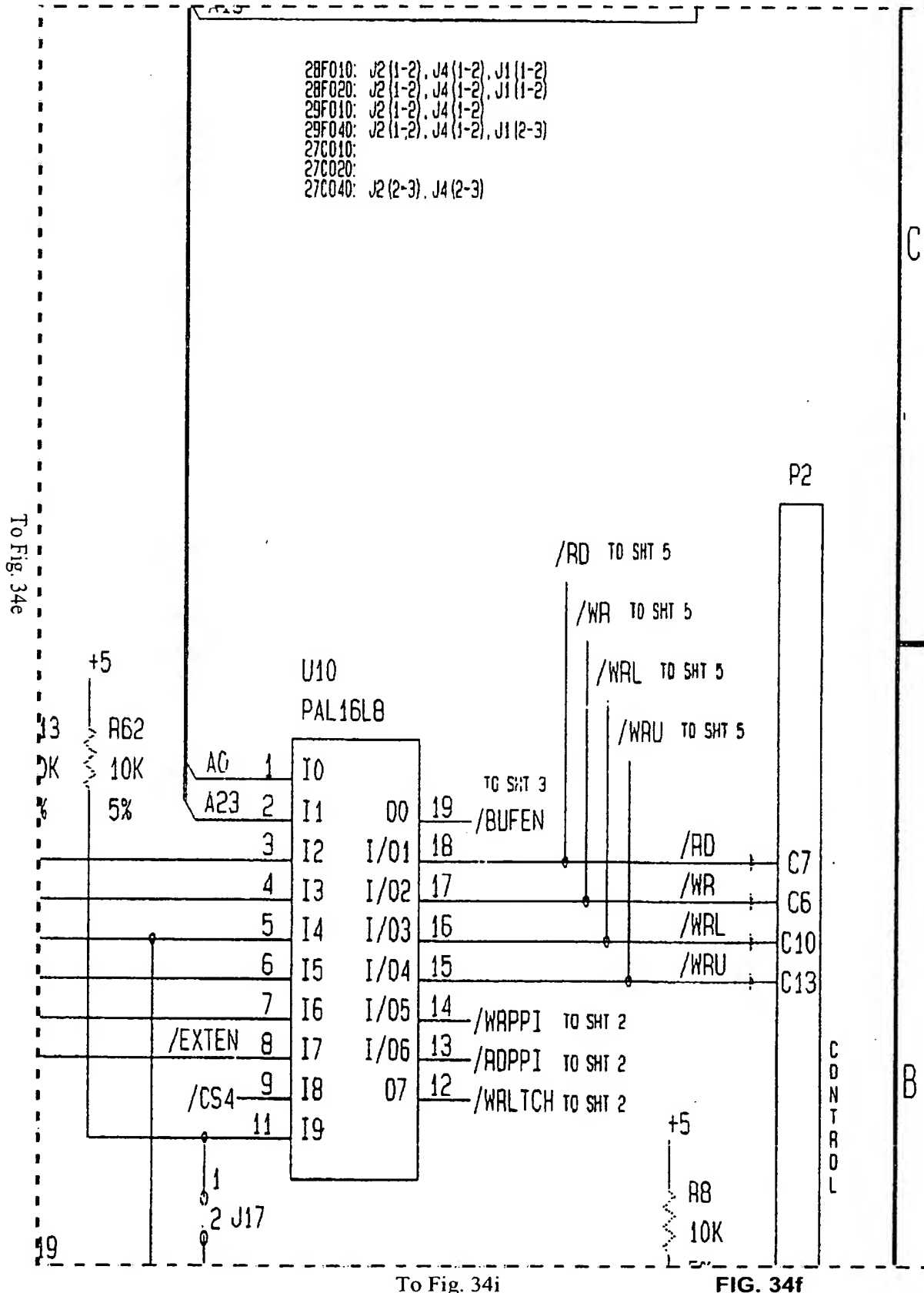
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To Fig. 34b



96 06 207

To Fig. 34c



To Fig. 34i

FIG. 34f

9706207

To Fig. 34d

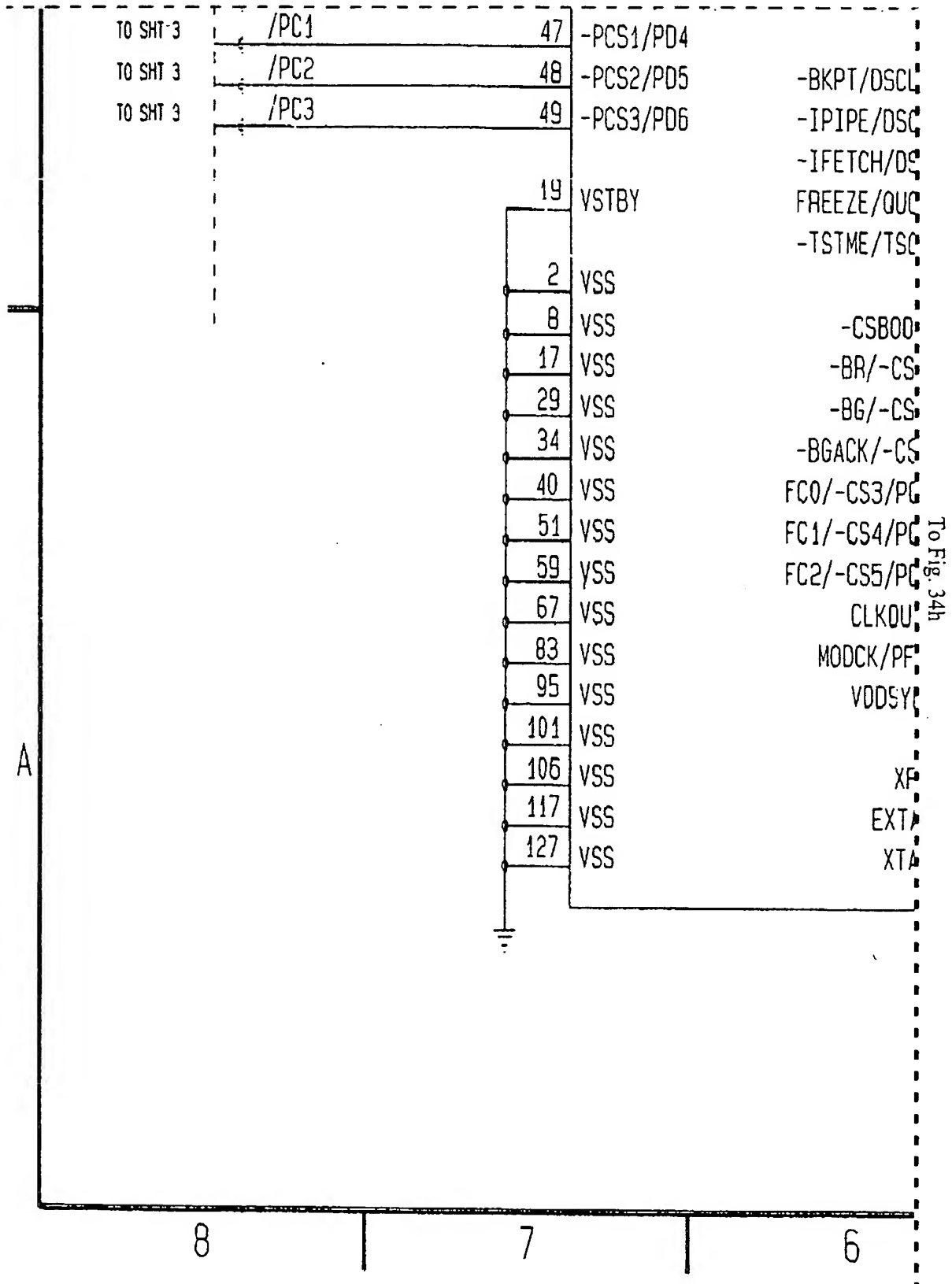
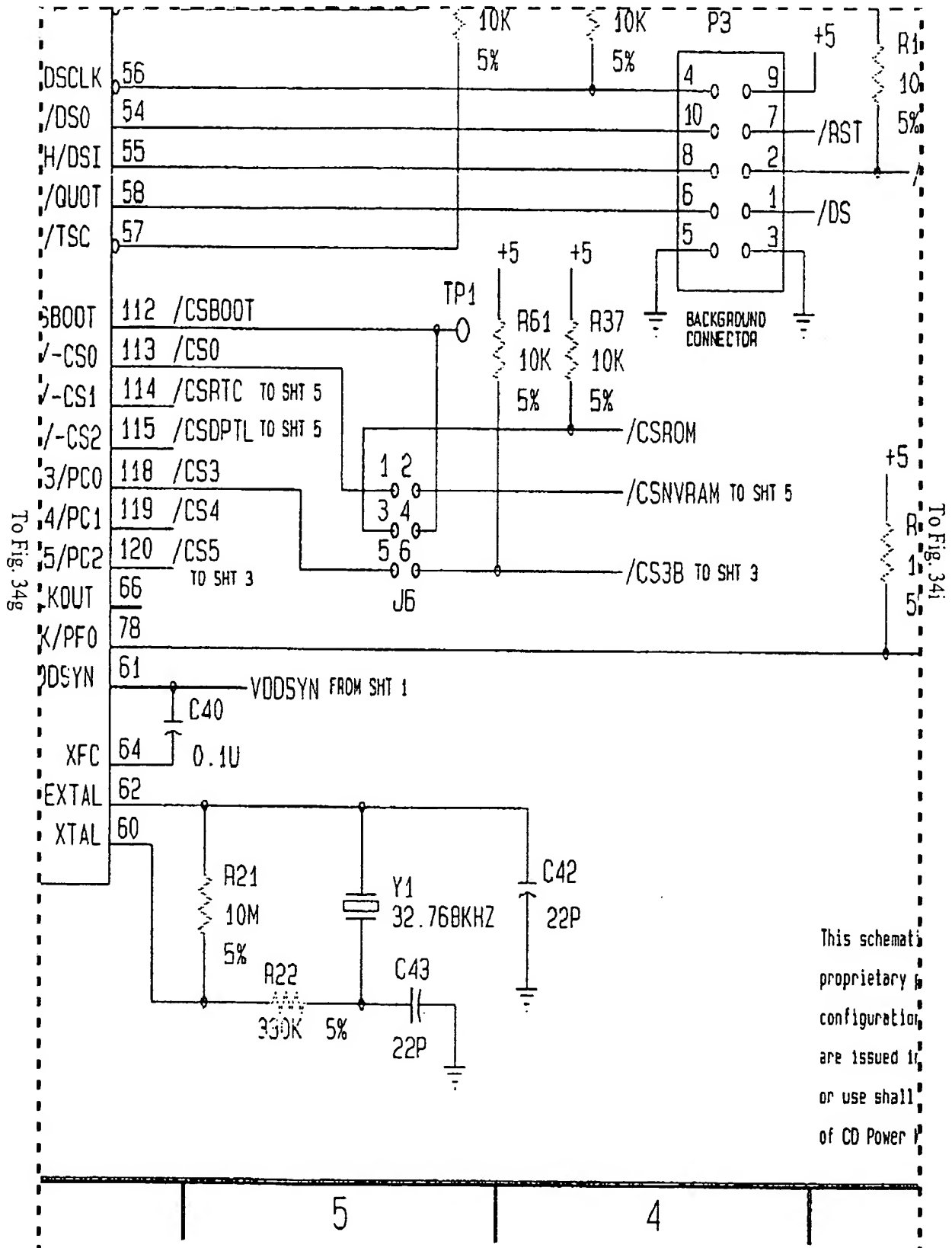


FIG. 34g

987807

To Fig. 34e

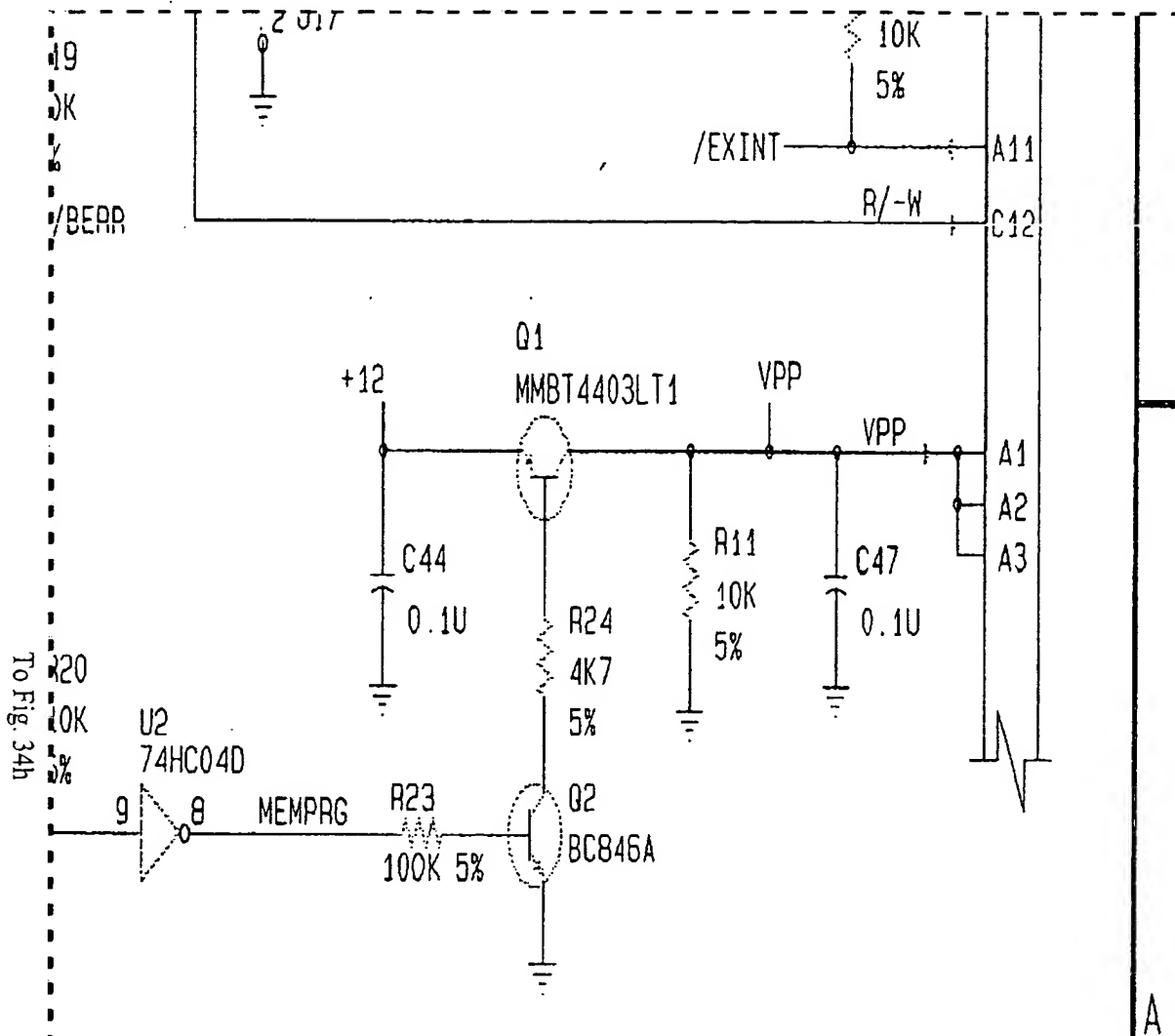


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FIG. 34h

99 06 207

To Fig. 34f



To Fig. 34h

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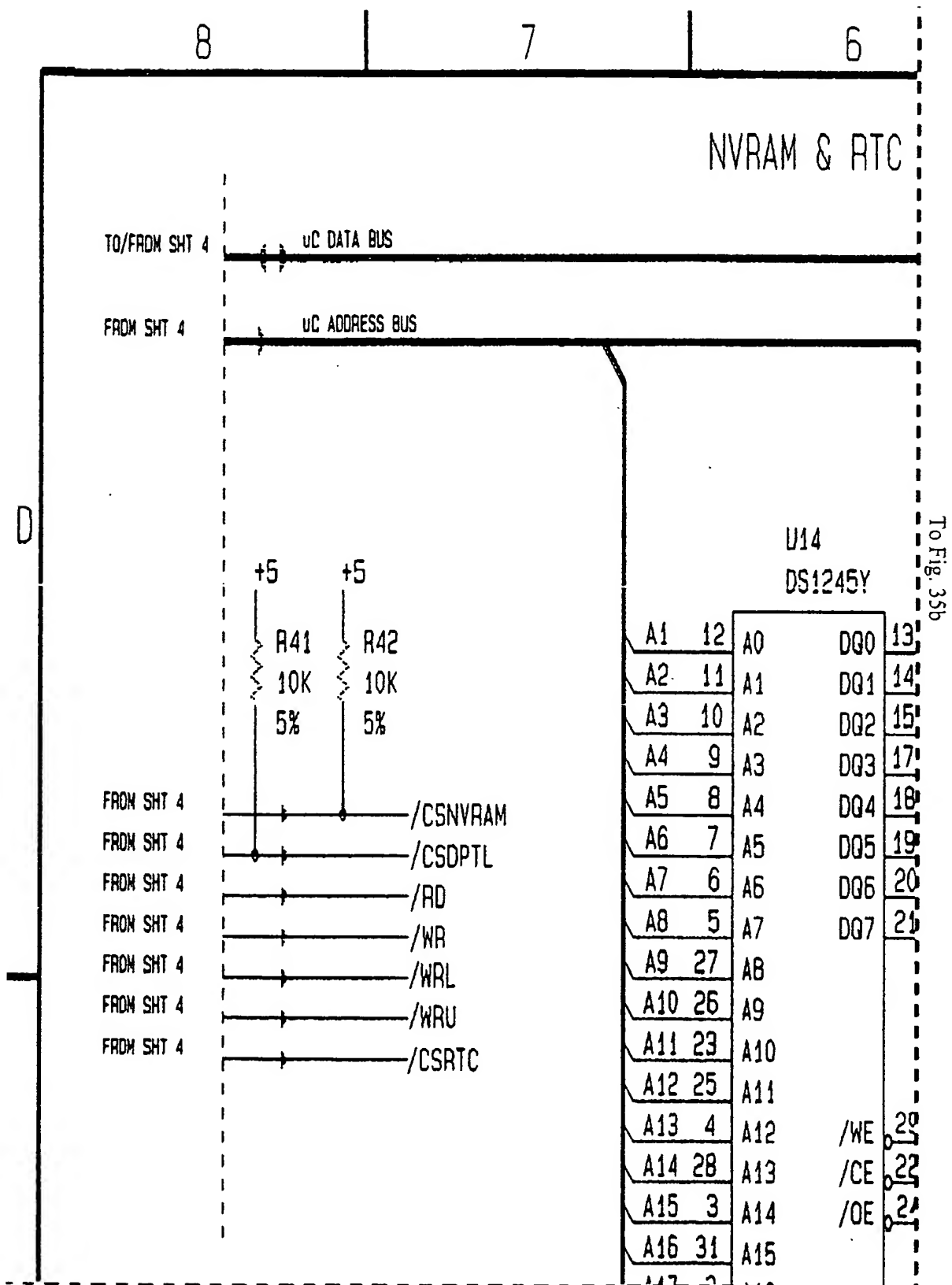
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FIG. 34i

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To Fig. 35d

FIG. 35a

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To Fig. 35a

To Fig. 35c

24 / RD

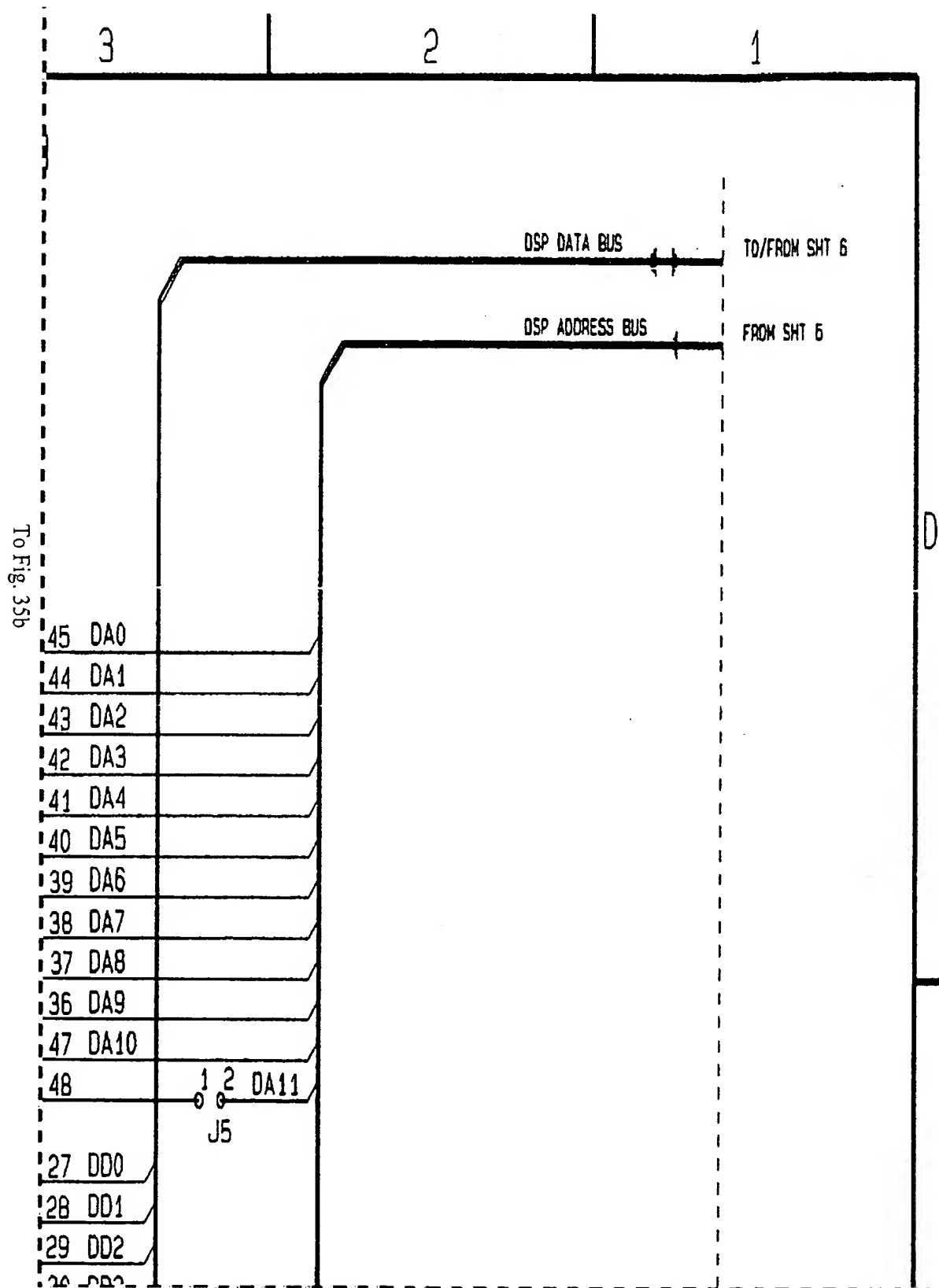
02 19

DQ21

DQ2A 29

FIG. 35b

102 86207

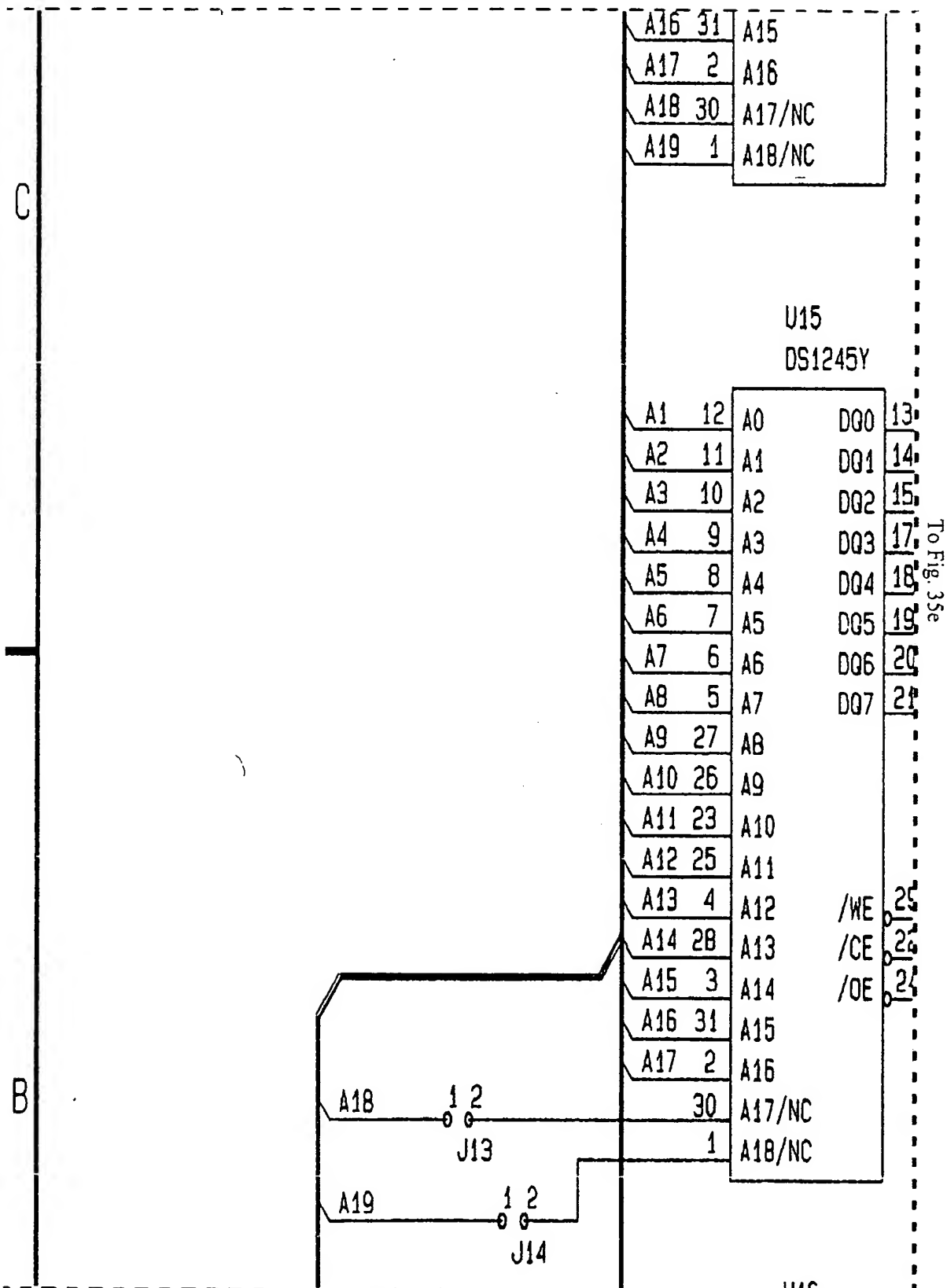


To Fig. 35f

FIG. 35c

(03 00 207

To Fig. 35a

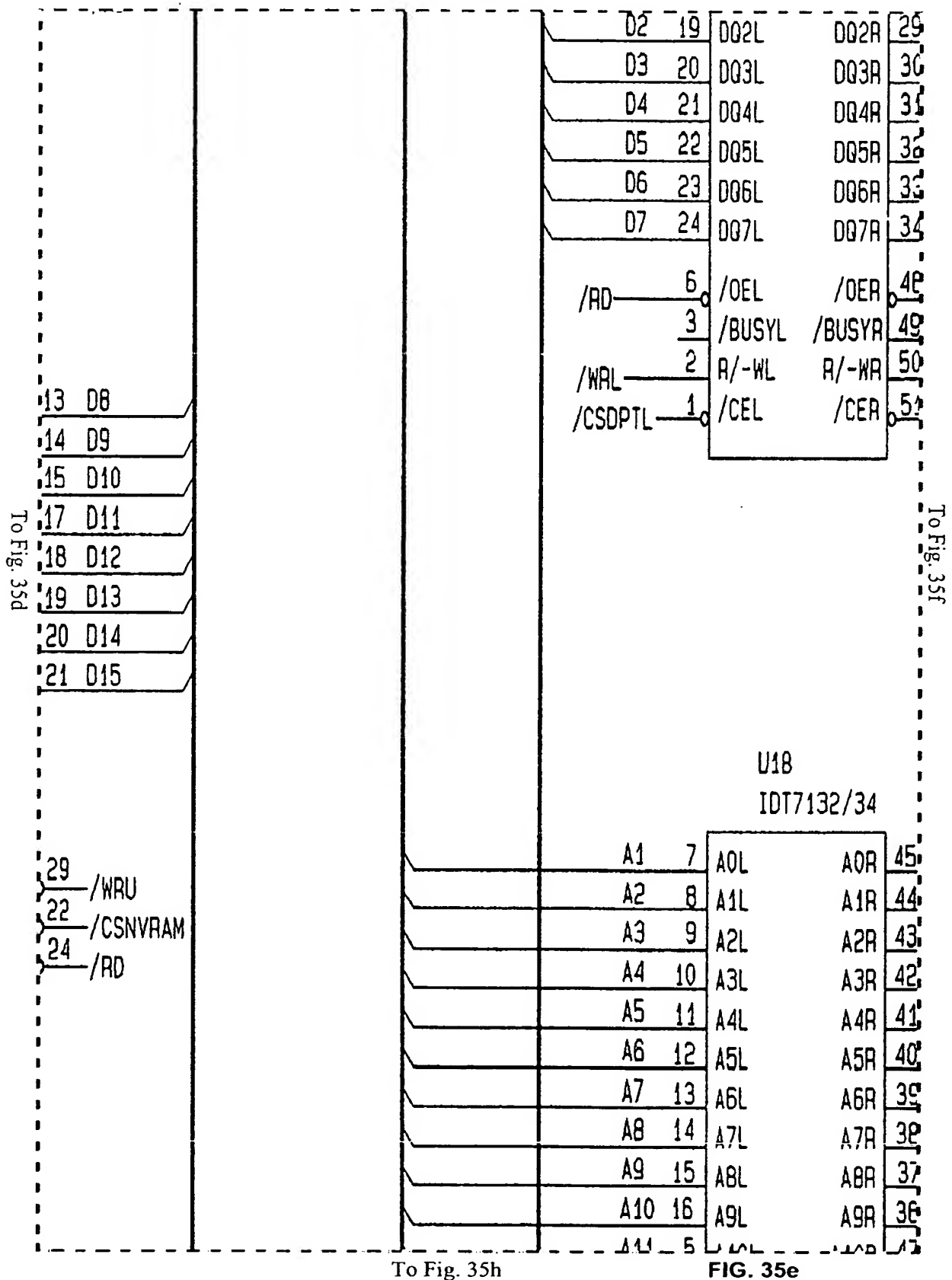


To Fig. 35g

FIG. 35d

104 88 207

To Fig. 35b

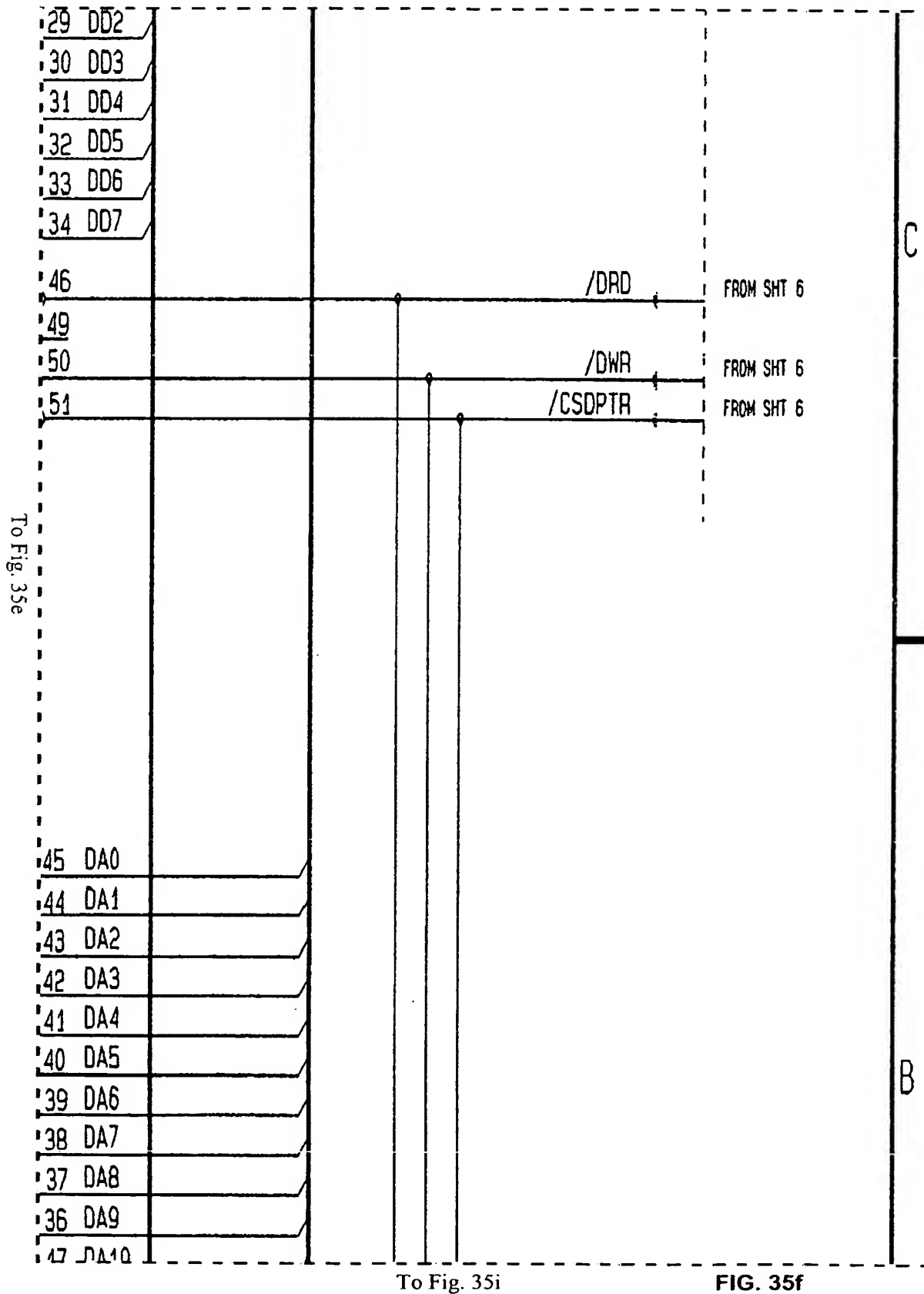


To Fig. 35h

FIG. 35e

105 08 207

To Fig. 35c



106 of 207

To Fig. 35d

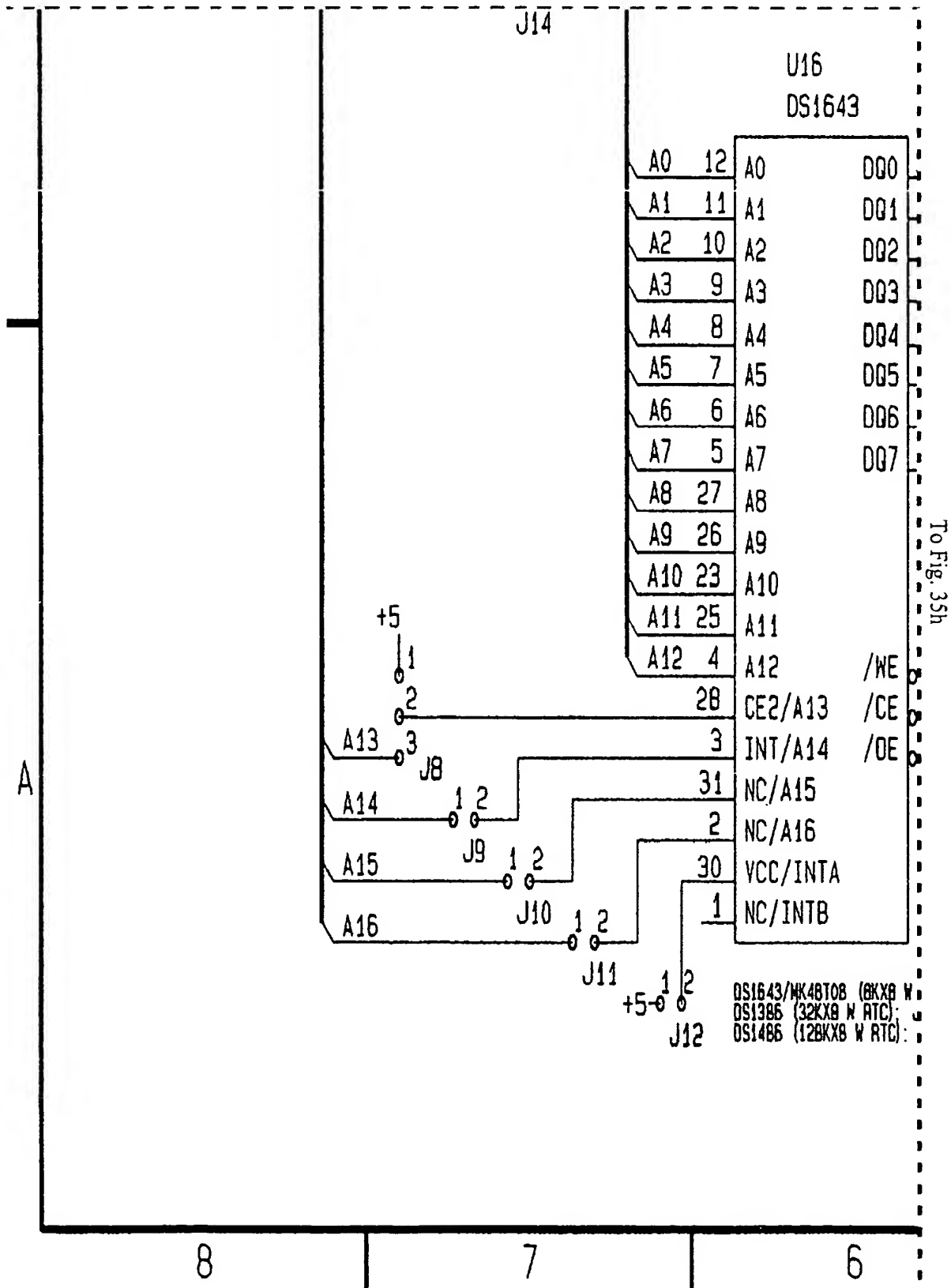


FIG. 35g

107 66 207

To Fig. 35e

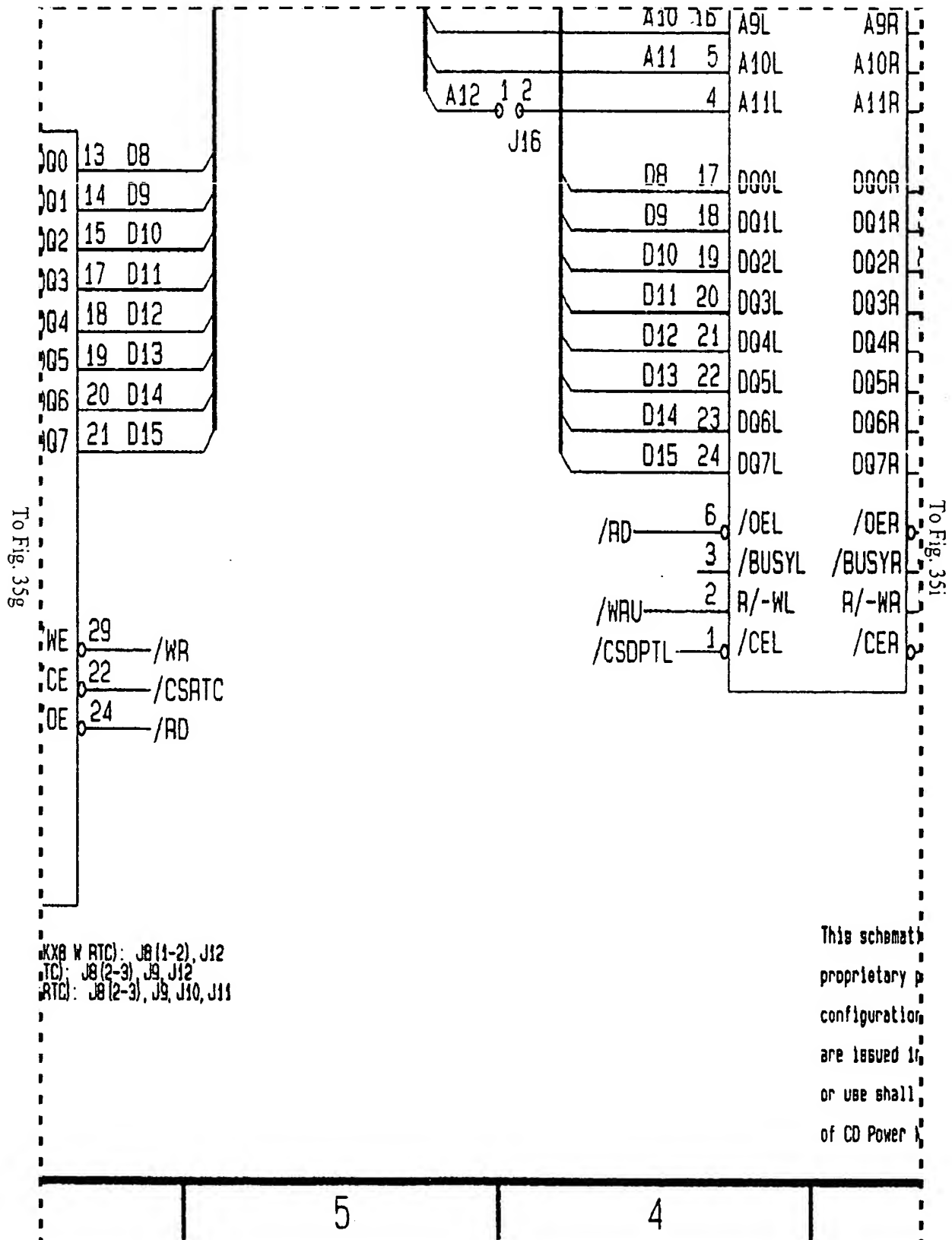
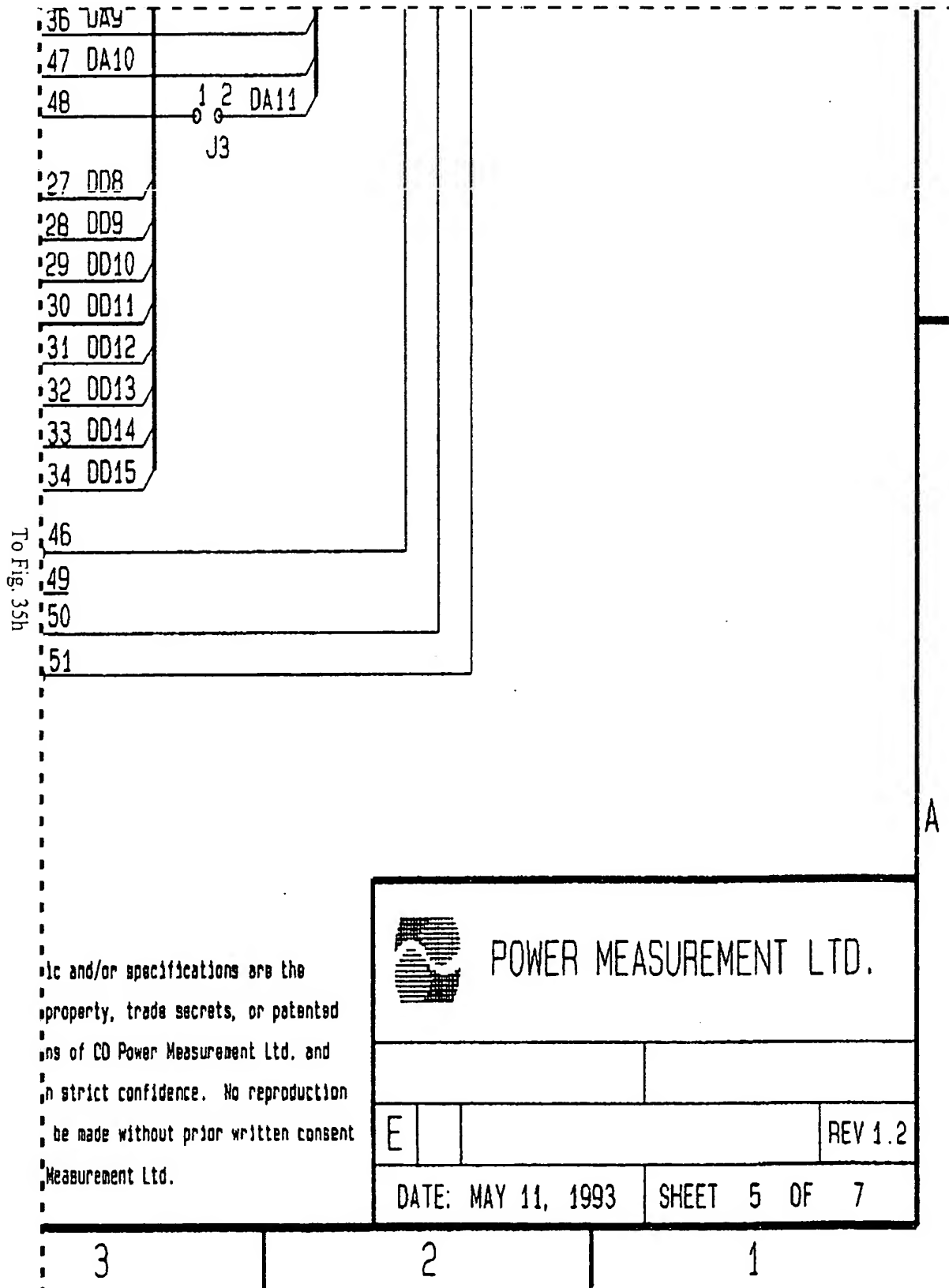


FIG. 35h

108 9207

To Fig. 35f



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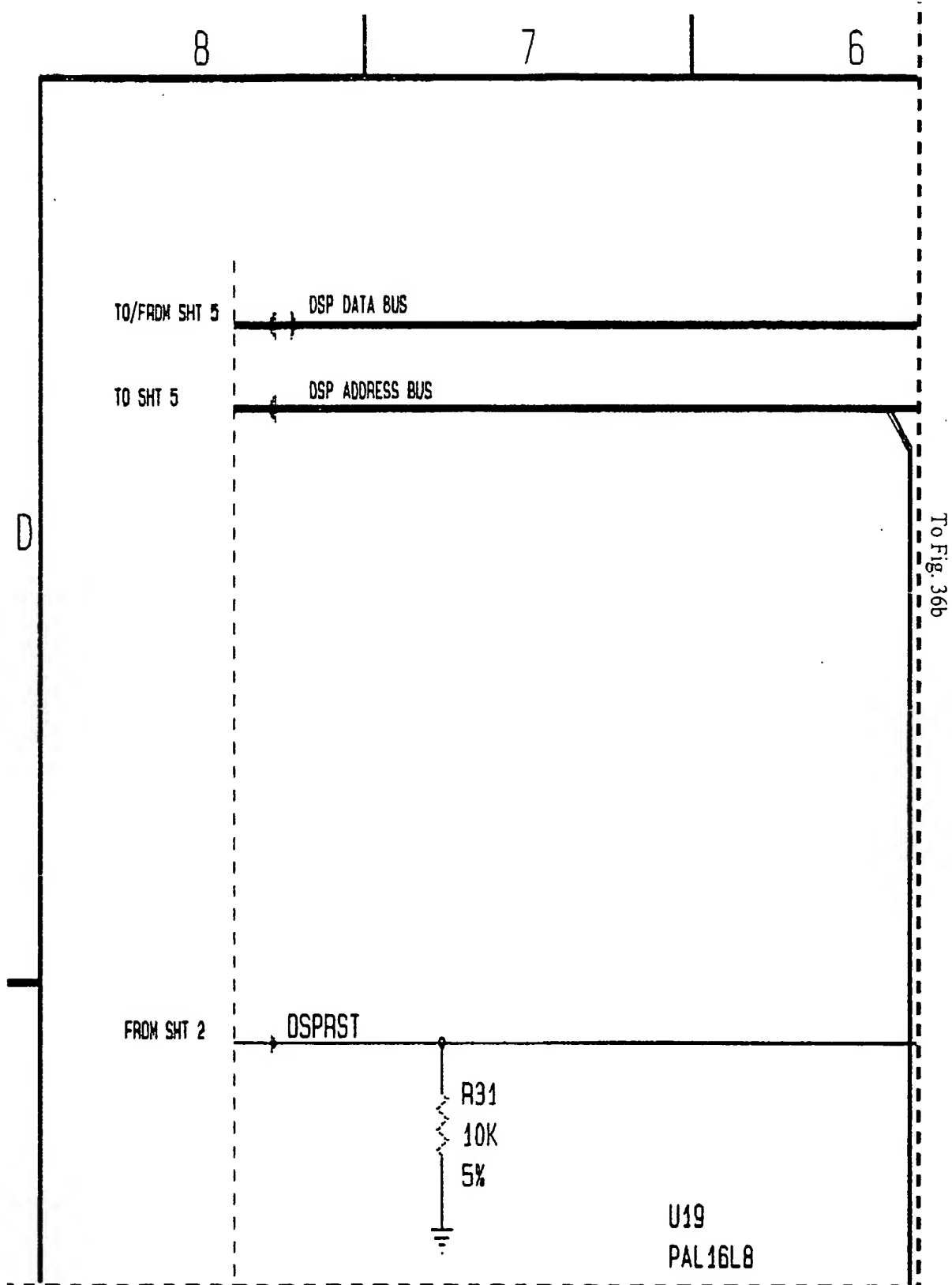
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FIG. 35i

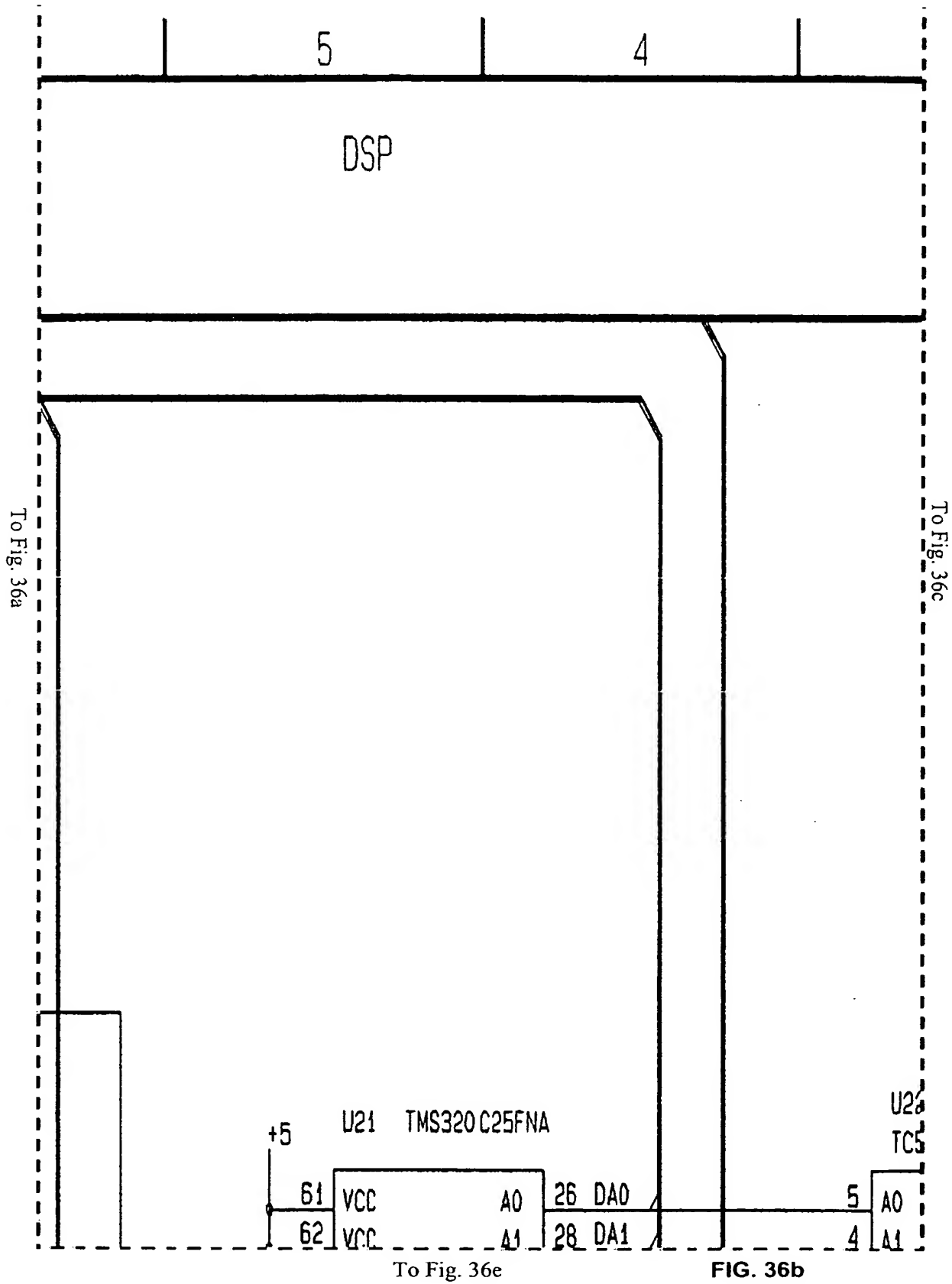
109 06 207



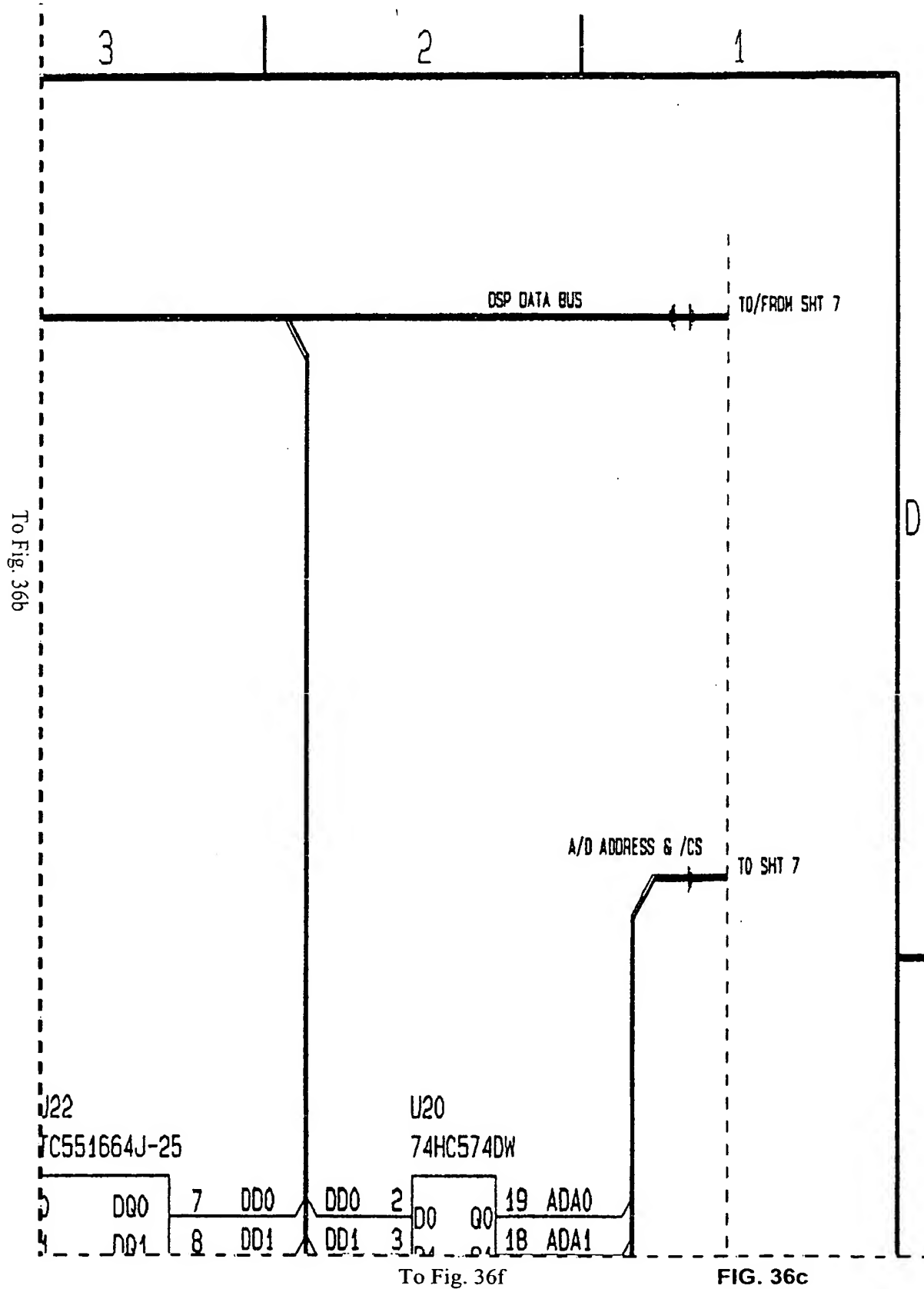
To Fig. 36d

FIG. 36a

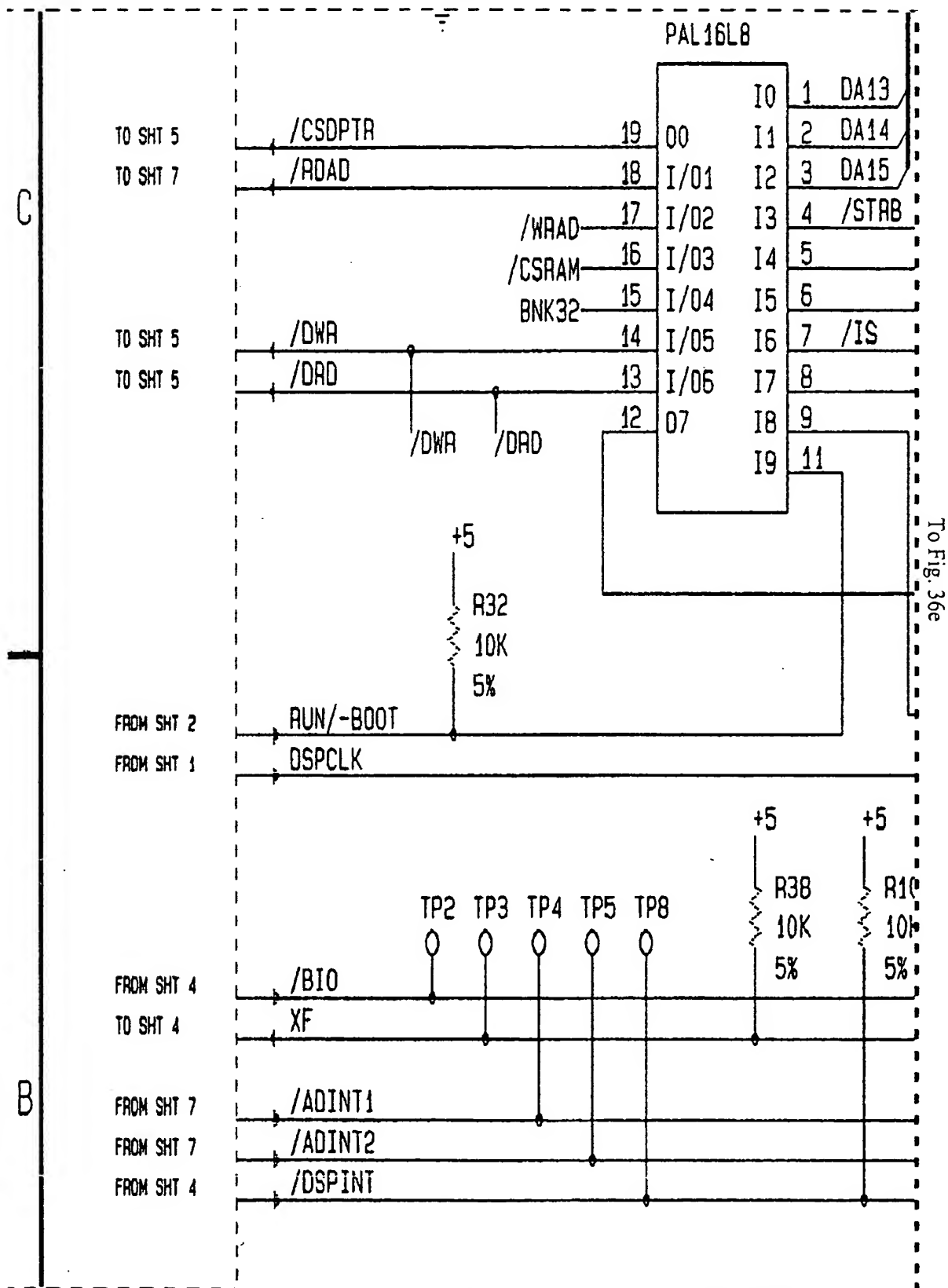
110 08 207



111 86 207



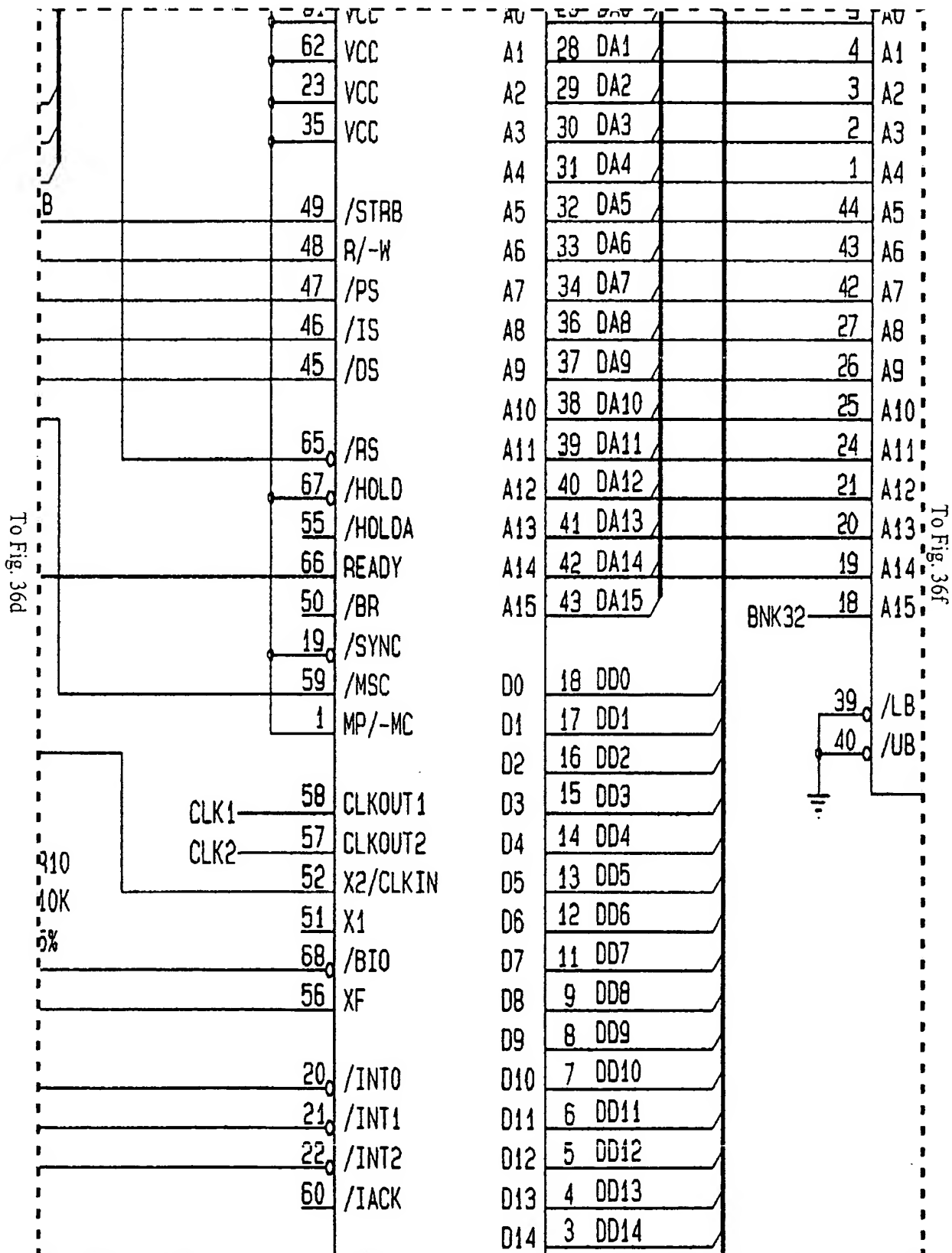
To Fig. 36a



To Fig. 36g

FIG. 36d

To Fig. 36b

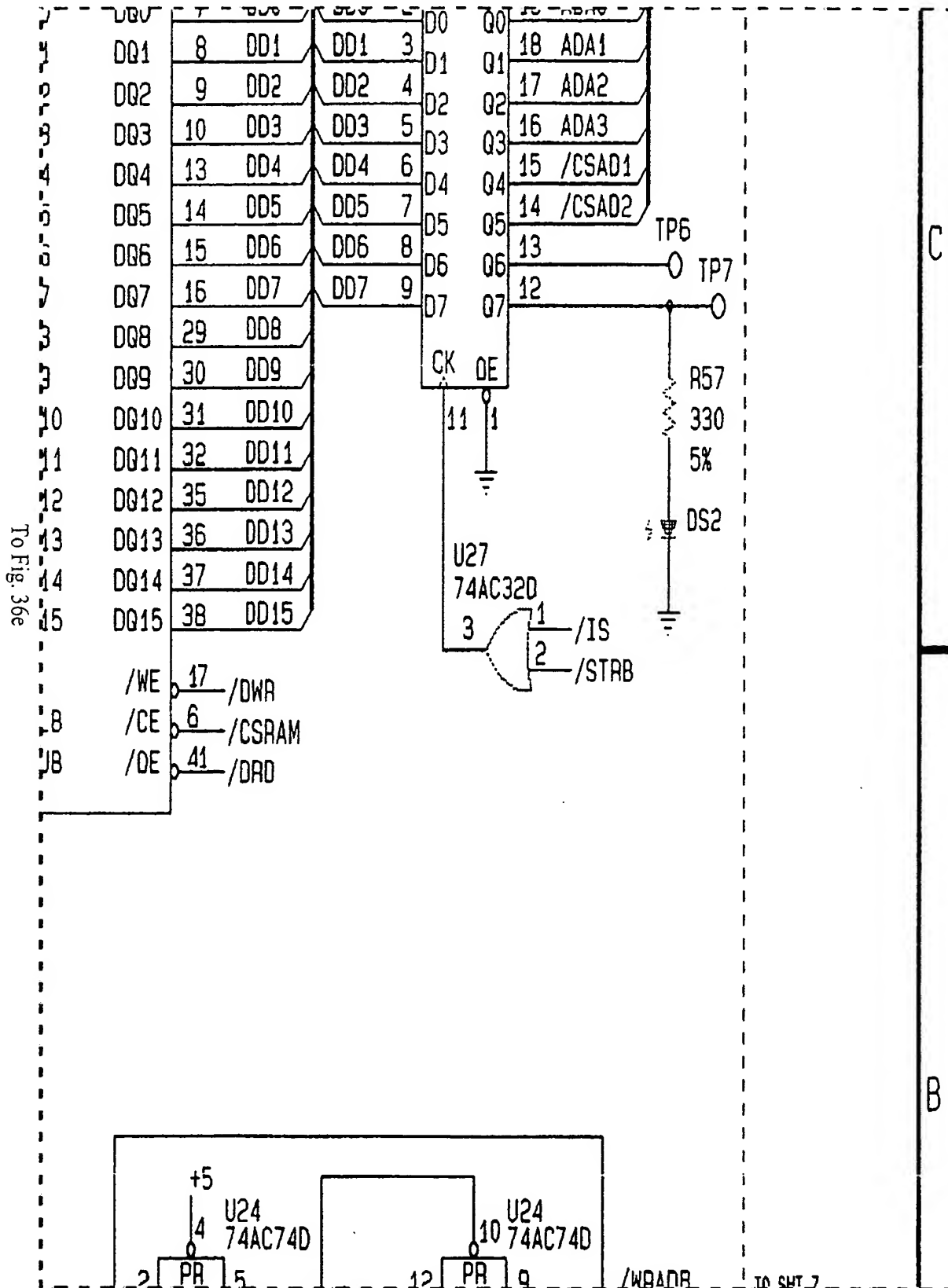


To Fig. 36h

FIG. 36e

114 88 207

To Fig. 36c

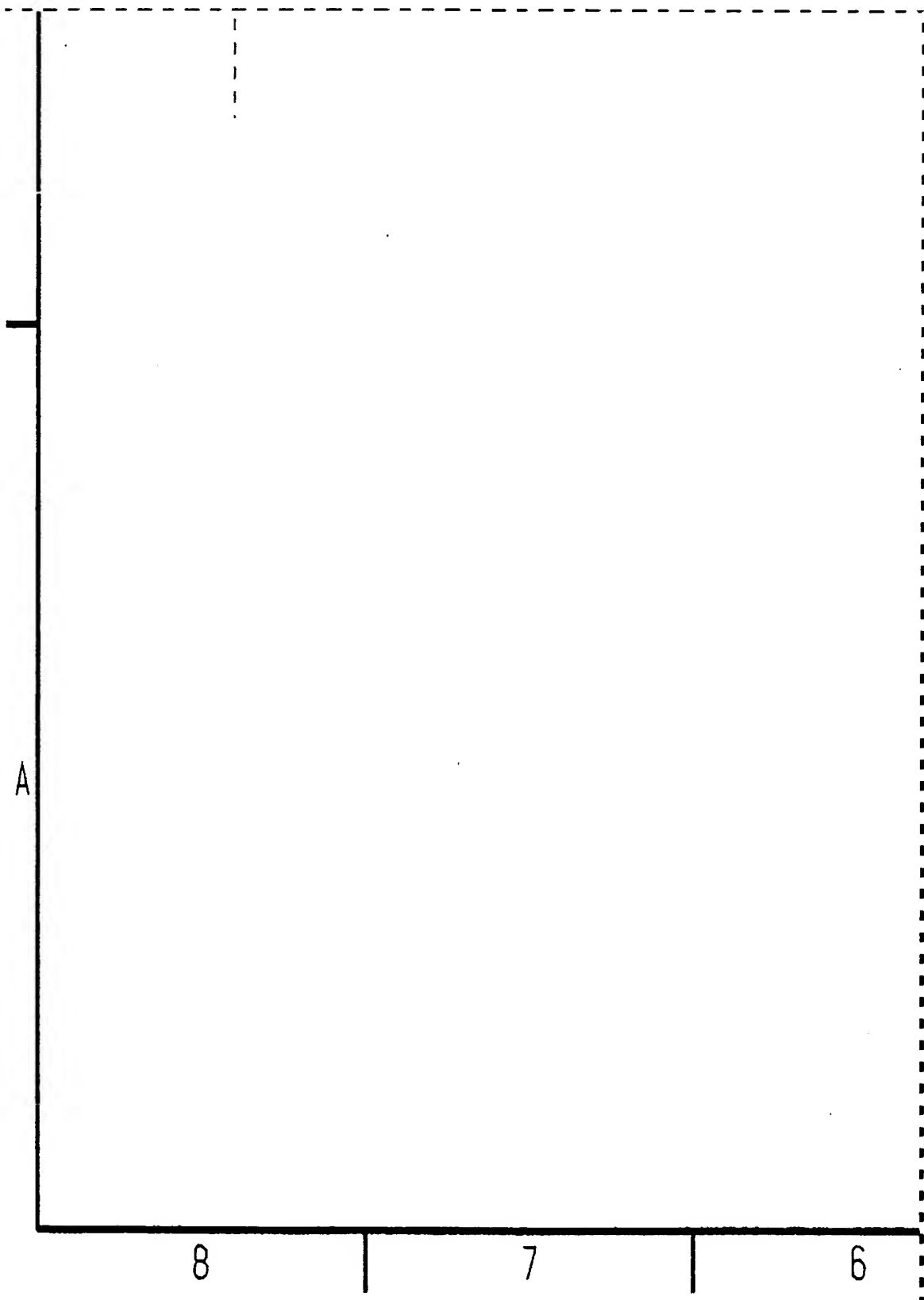


To Fig. 36i

FIG. 36f

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To Fig. 36d

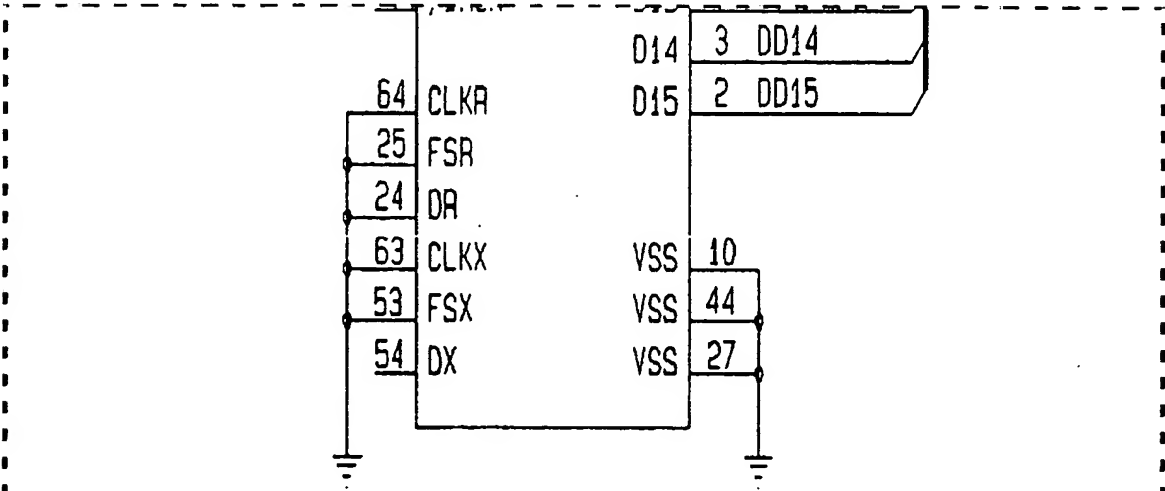


To Fig. 36h

FIG. 36g

116 862 07

To Fig. 36e



To Fig. 36g

To Fig. 36i

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FIG. 36h

117 0 207

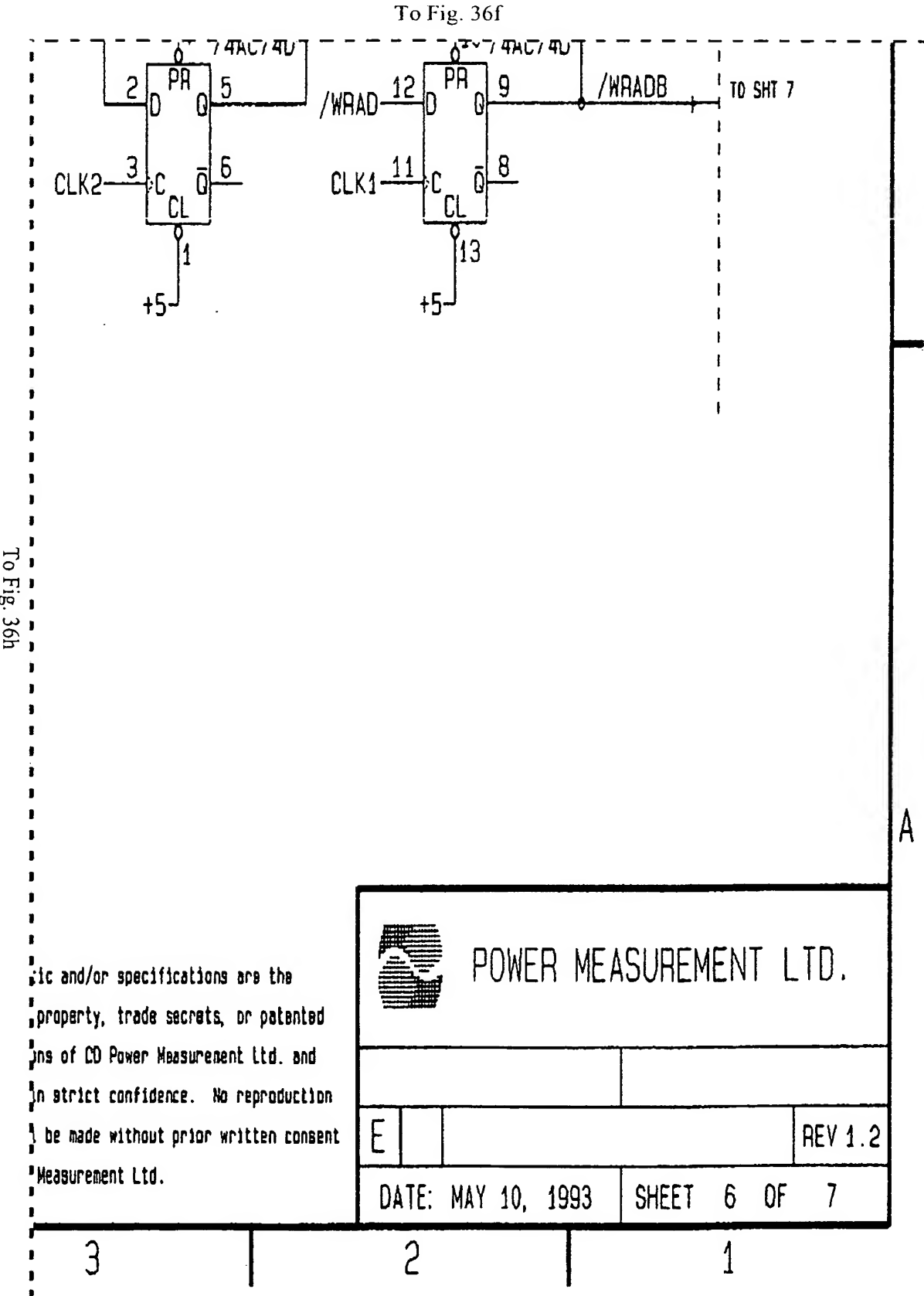
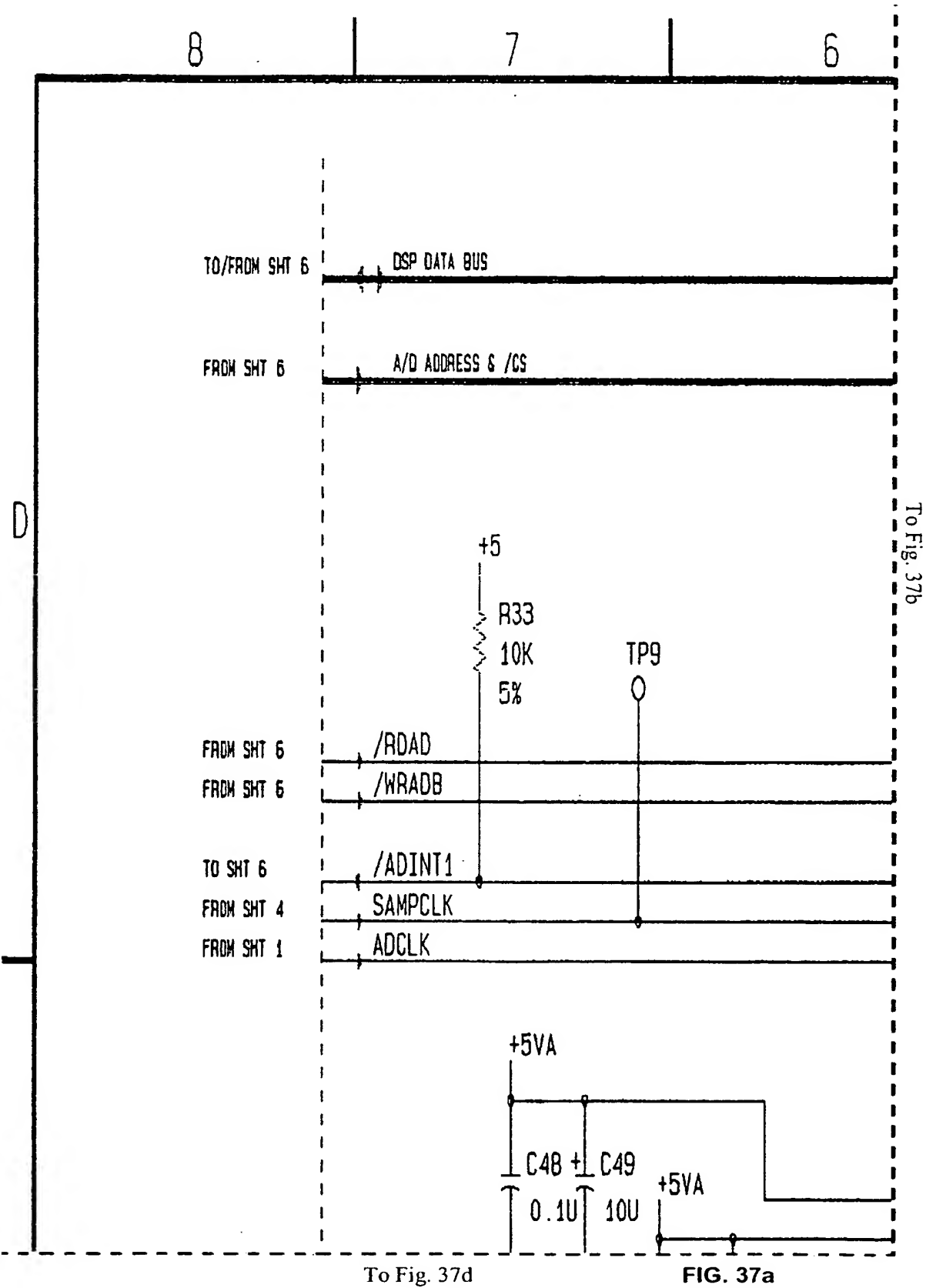
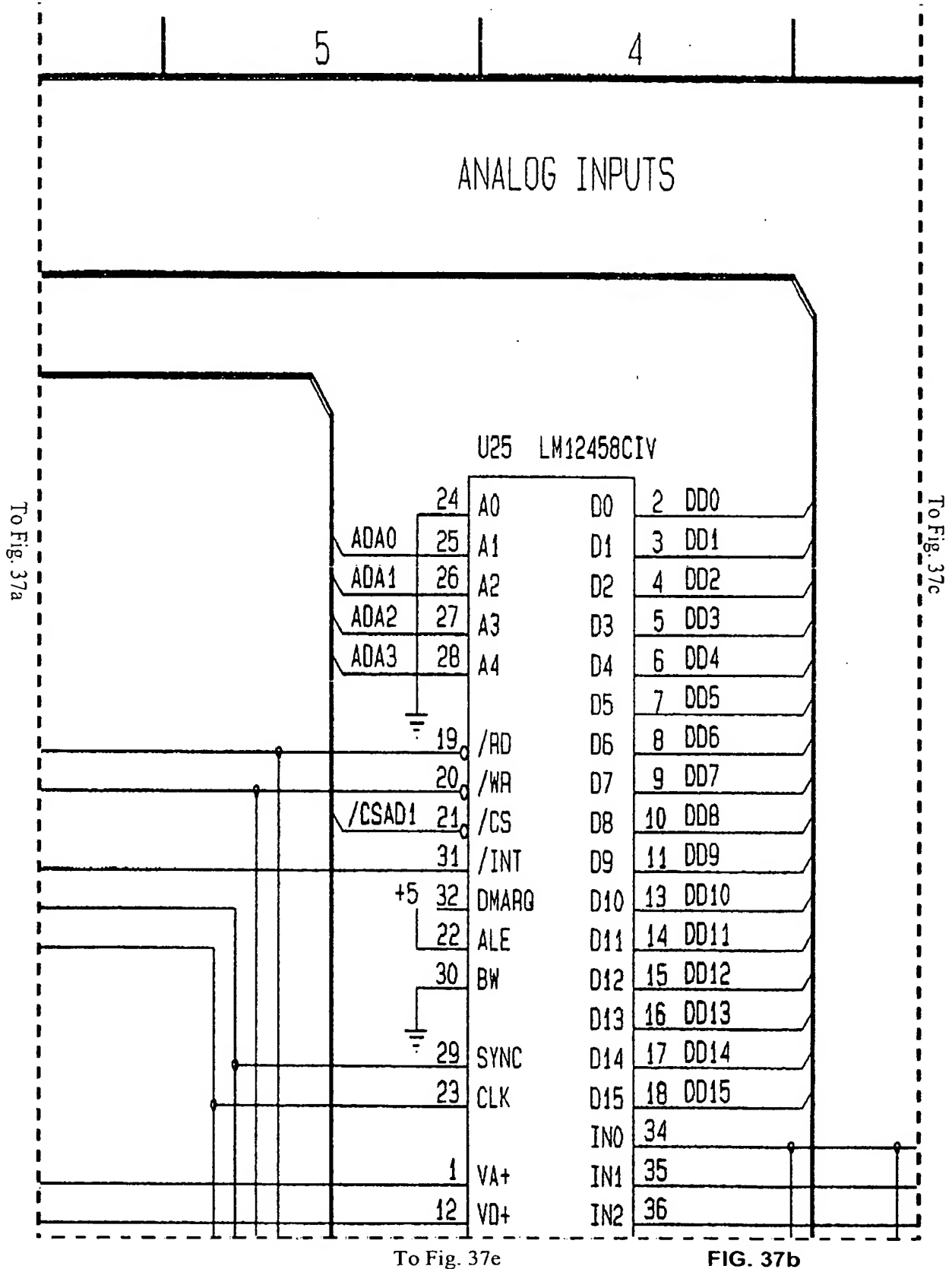


FIG. 36i

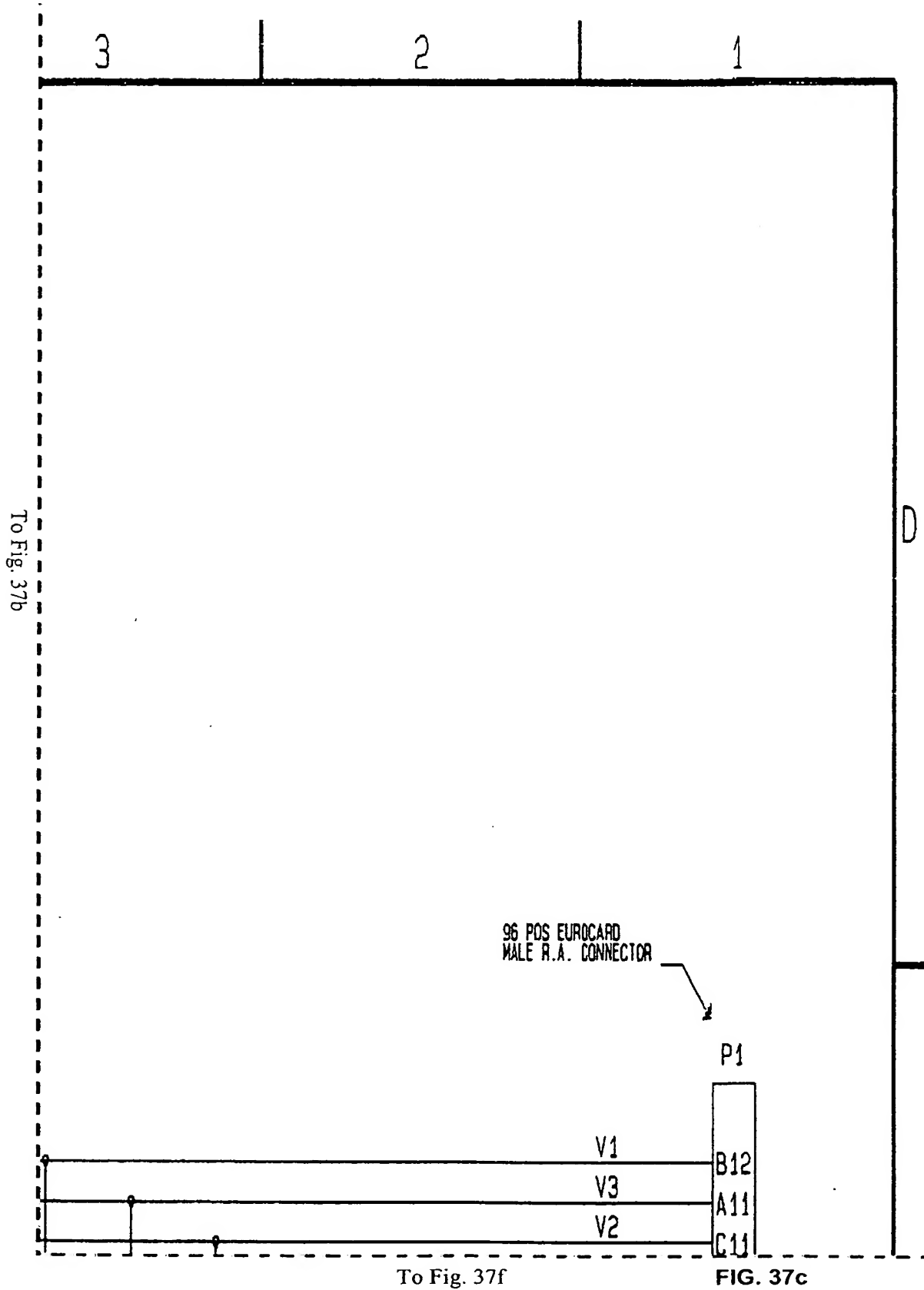
118 08 207



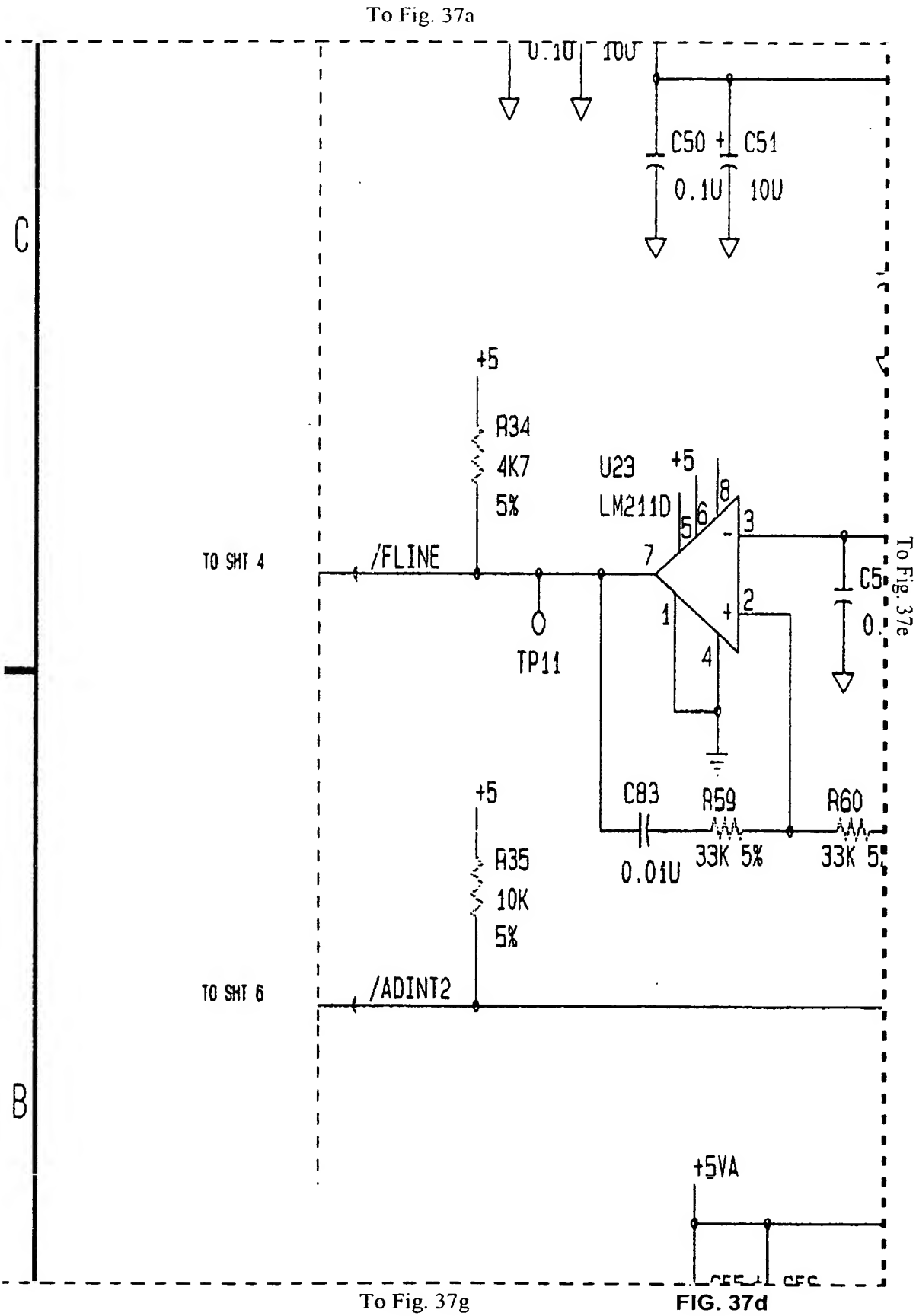
119 88 207



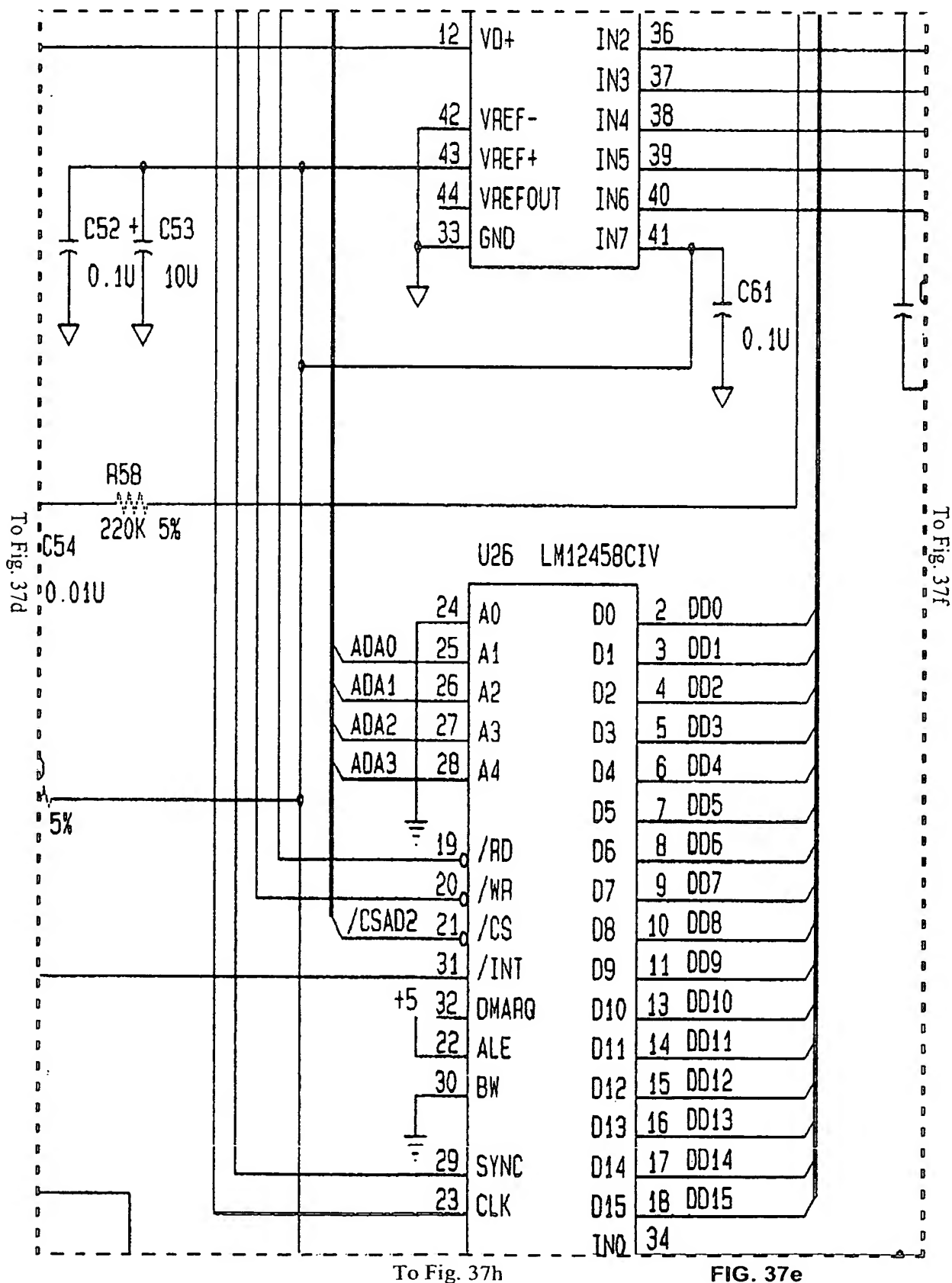
120 87 207



121 06 207



To Fig. 37b

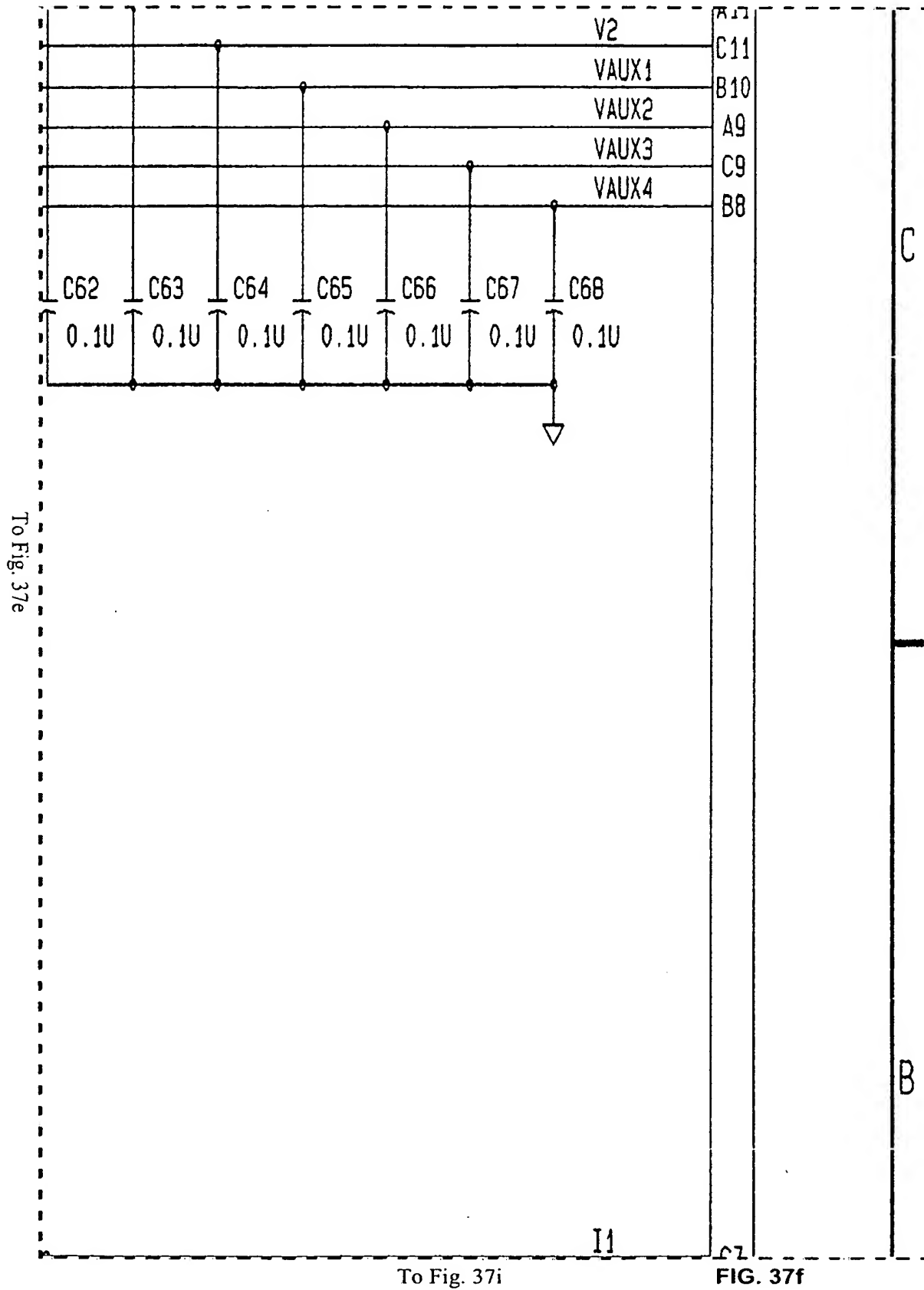


To Fig. 37h

FIG. 37e

123 08 207

To Fig. 37c



124 8 207

To Fig. 37d

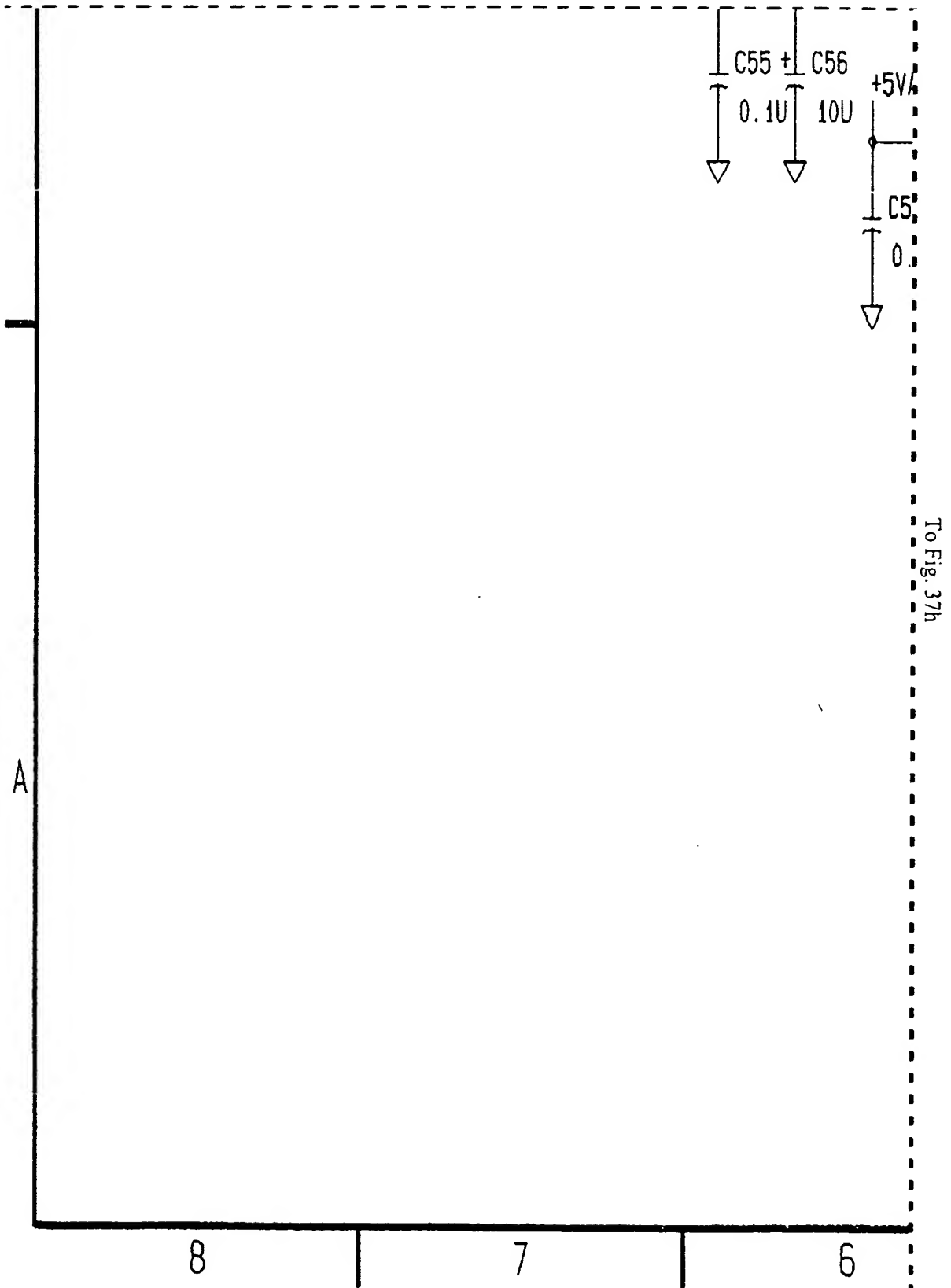
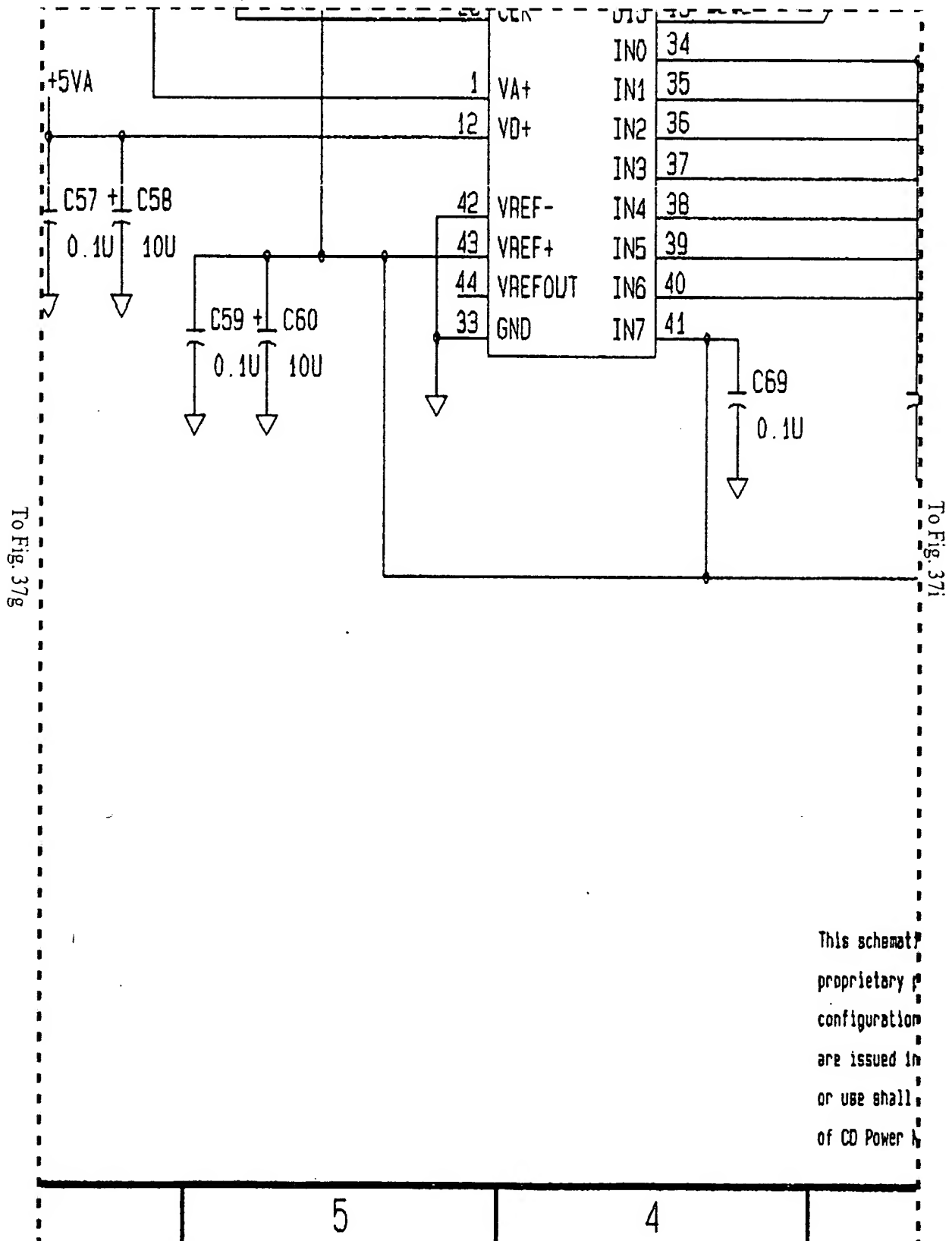


FIG. 37g

1258807

To Fig. 37e



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FIG. 37h

126 8 207

To Fig. 37f

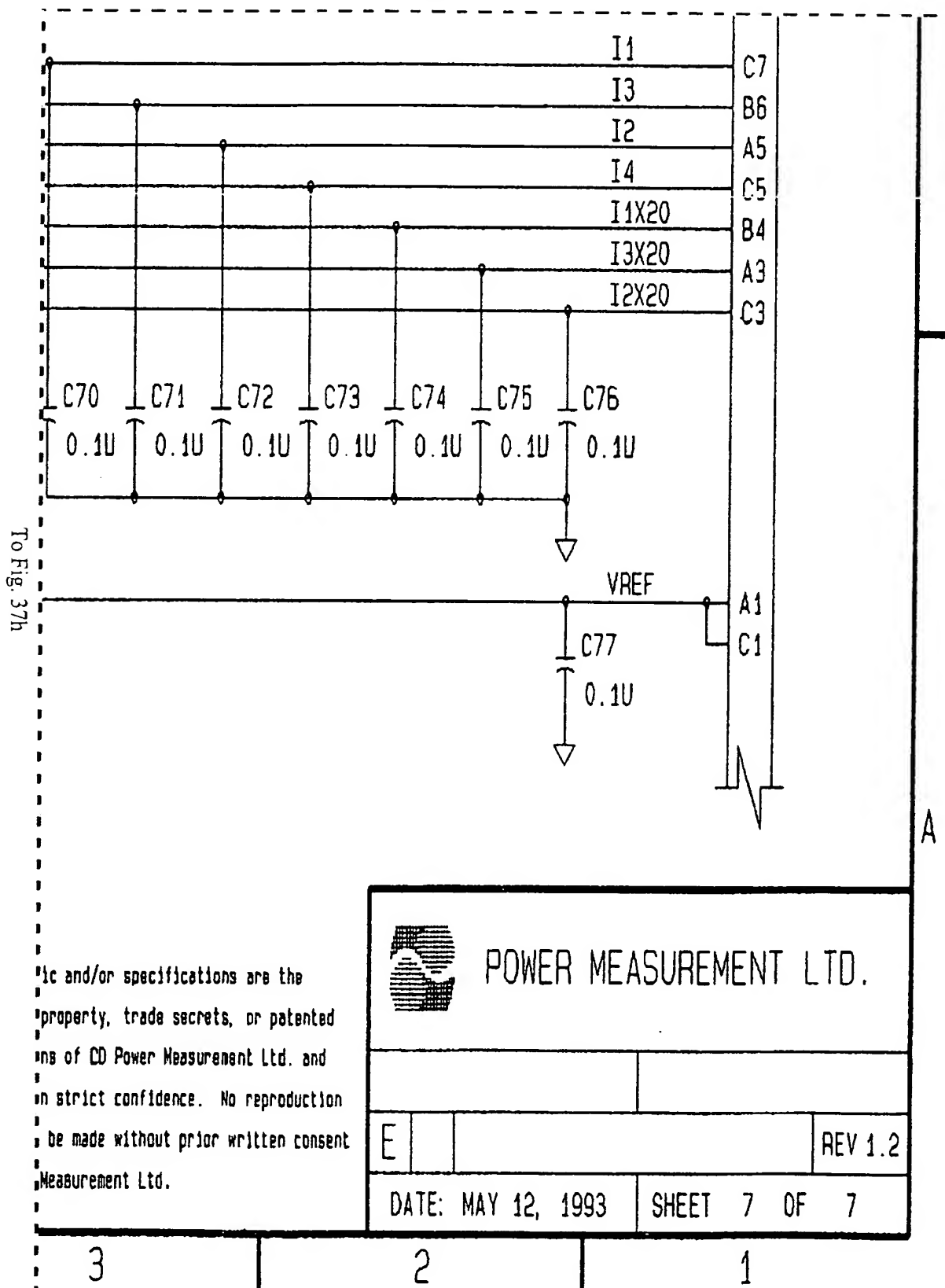
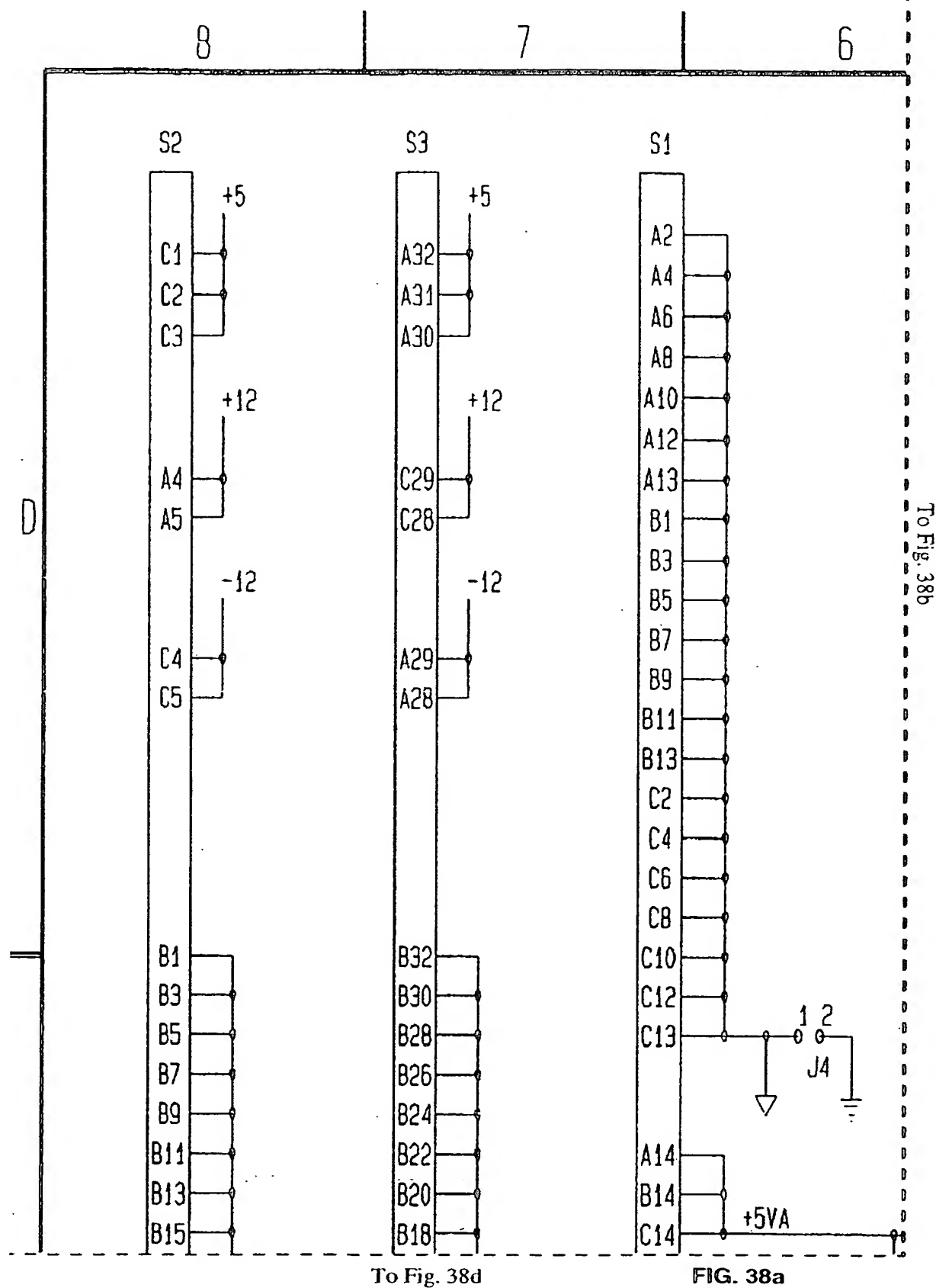


FIG. 37i

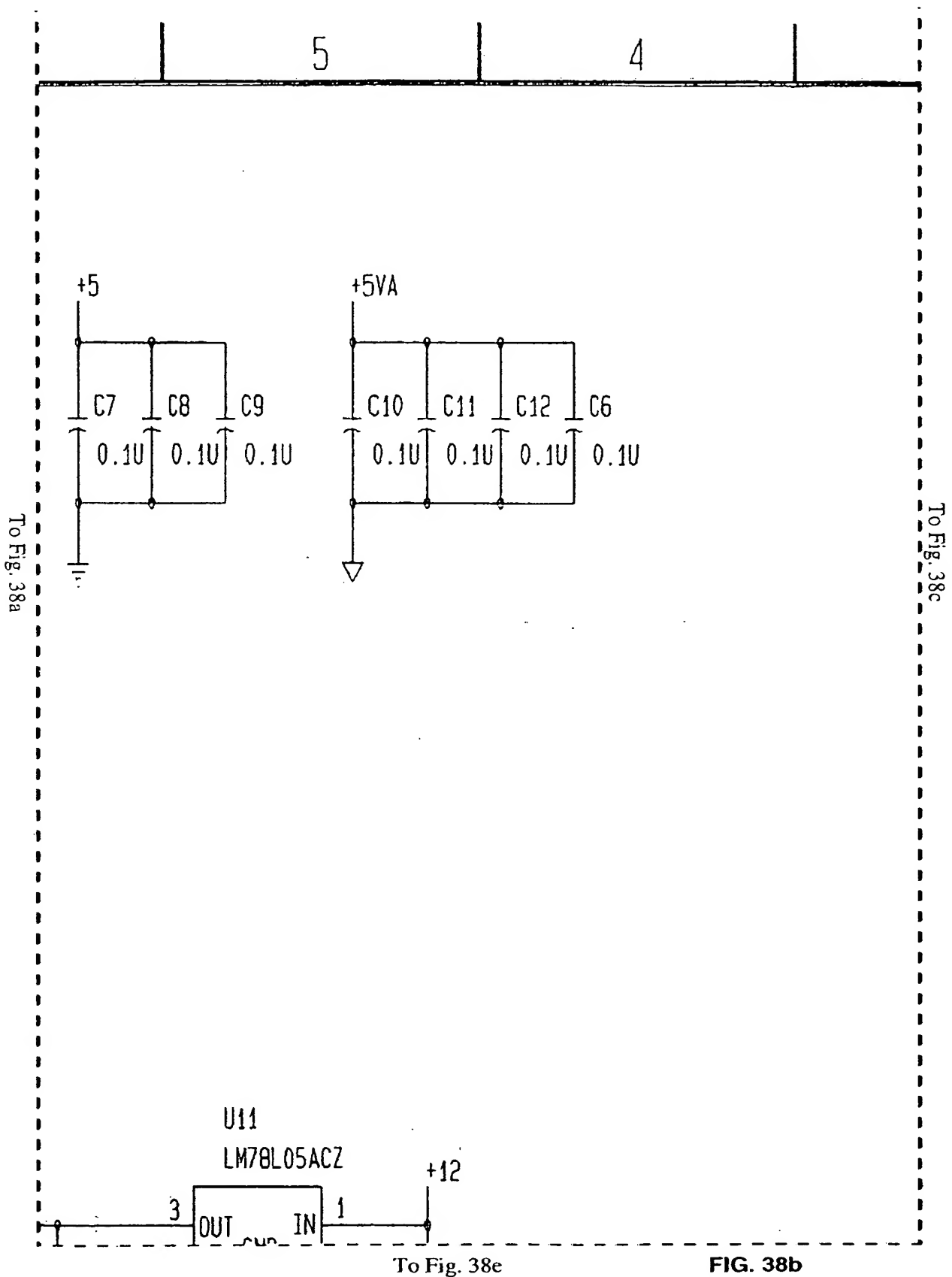
127 8 307



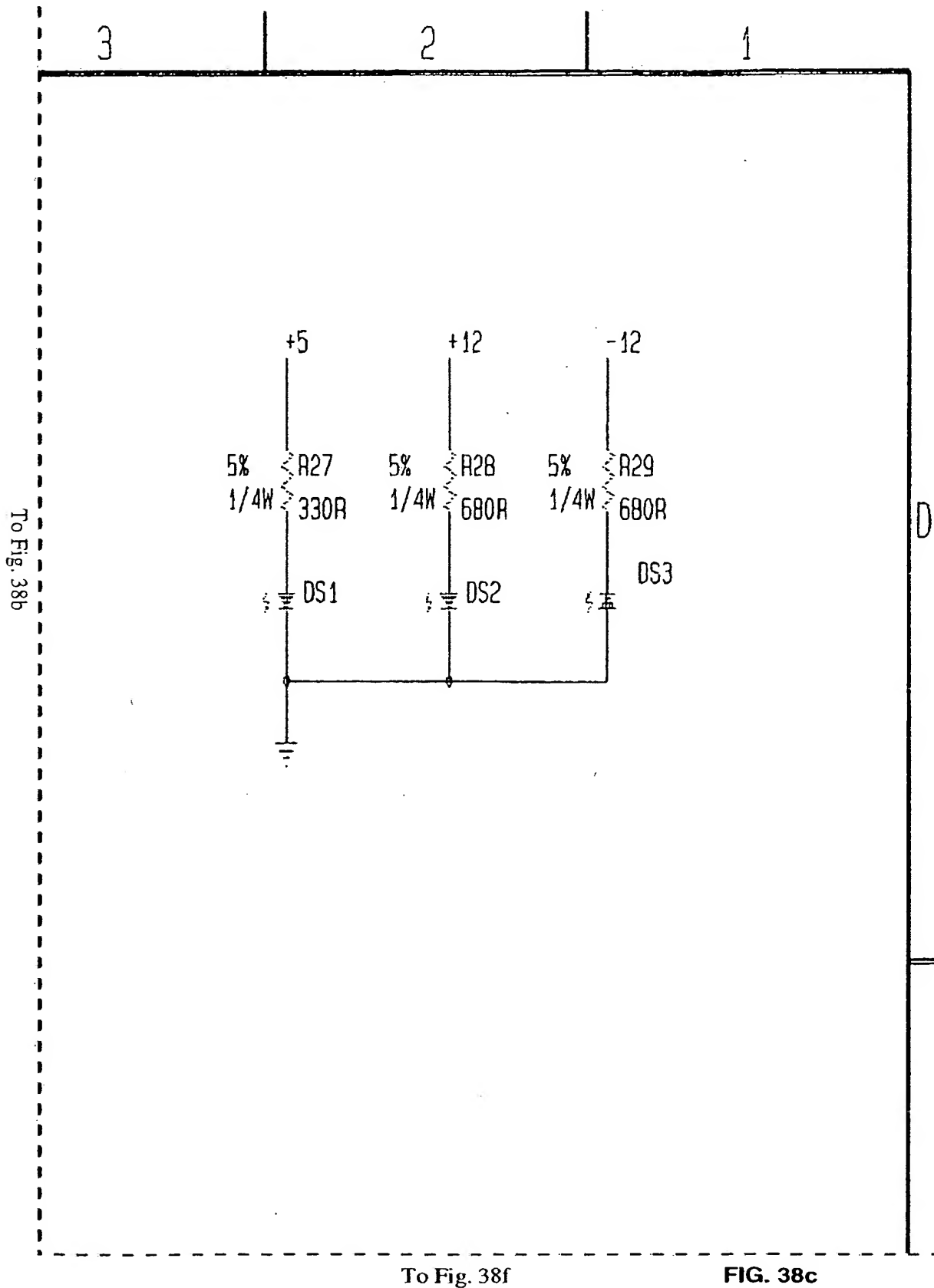
To Fig. 38d

FIG. 38a

128 9 207

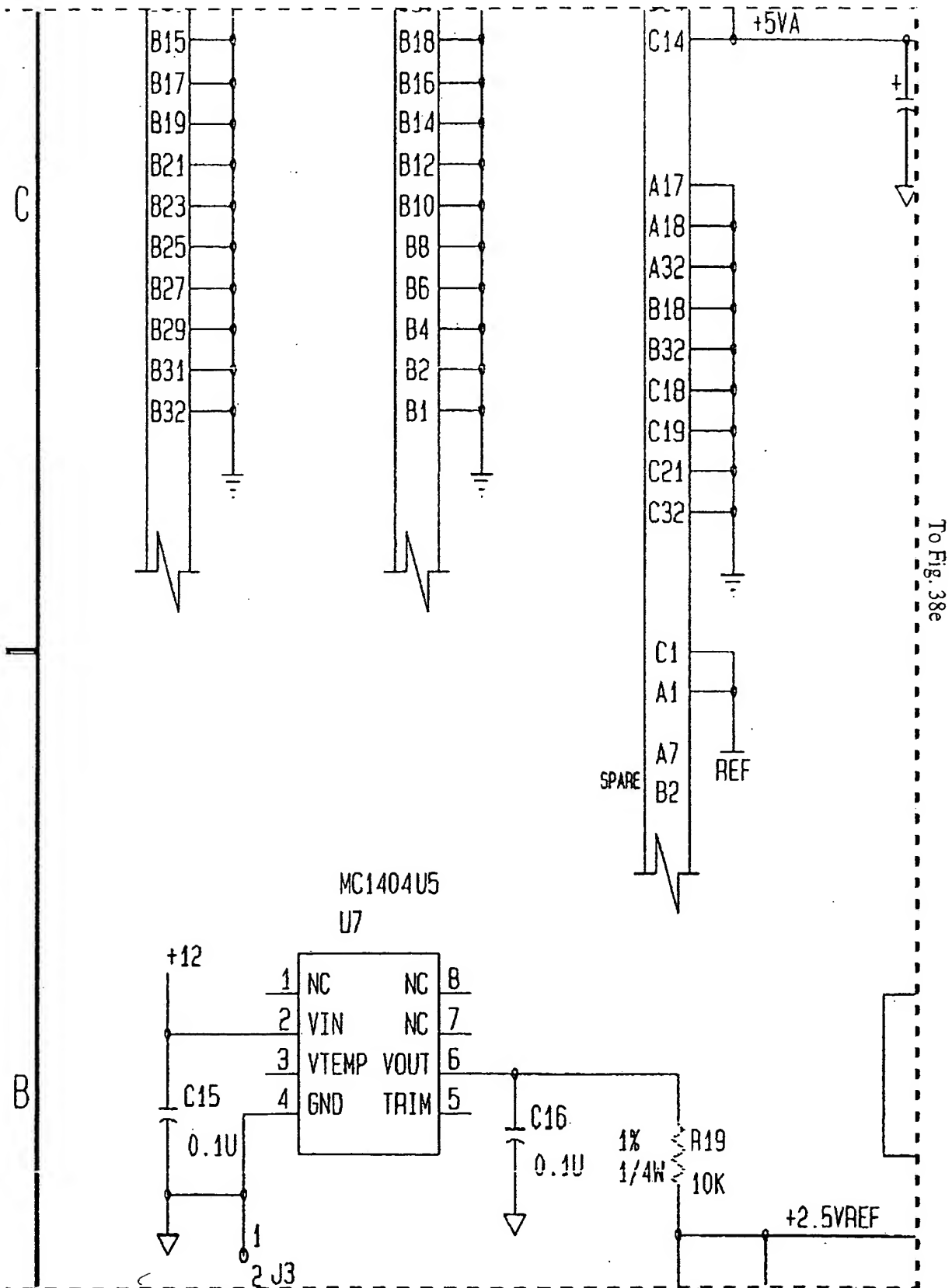


129 8 207



130 08 20 7

To Fig. 38a

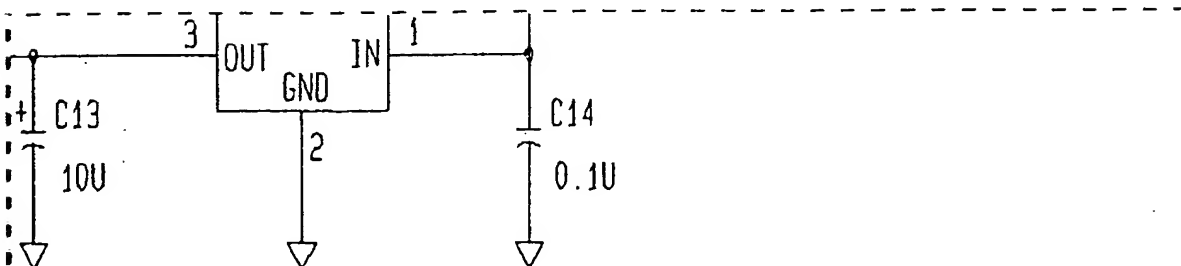


To Fig. 38g

FIG. 38d

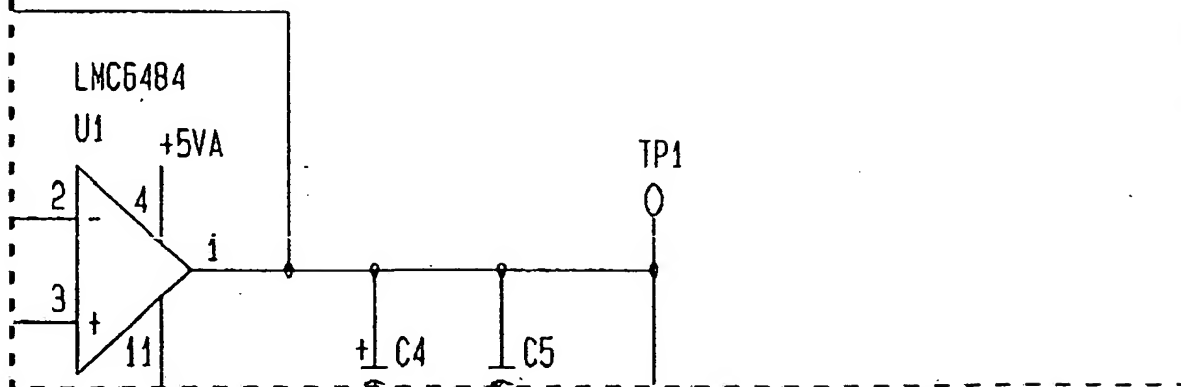
131 96207

To Fig. 38b



To Fig. 38d

To Fig. 38f



To Fig. 38h

FIG. 38e

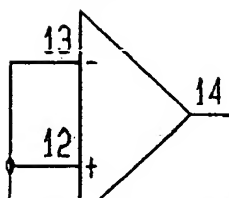
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To Fig. 38c

To Fig. 38e

SPARES

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U10



To Fig. 38i

FIG. 38f

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To Fig. 38d

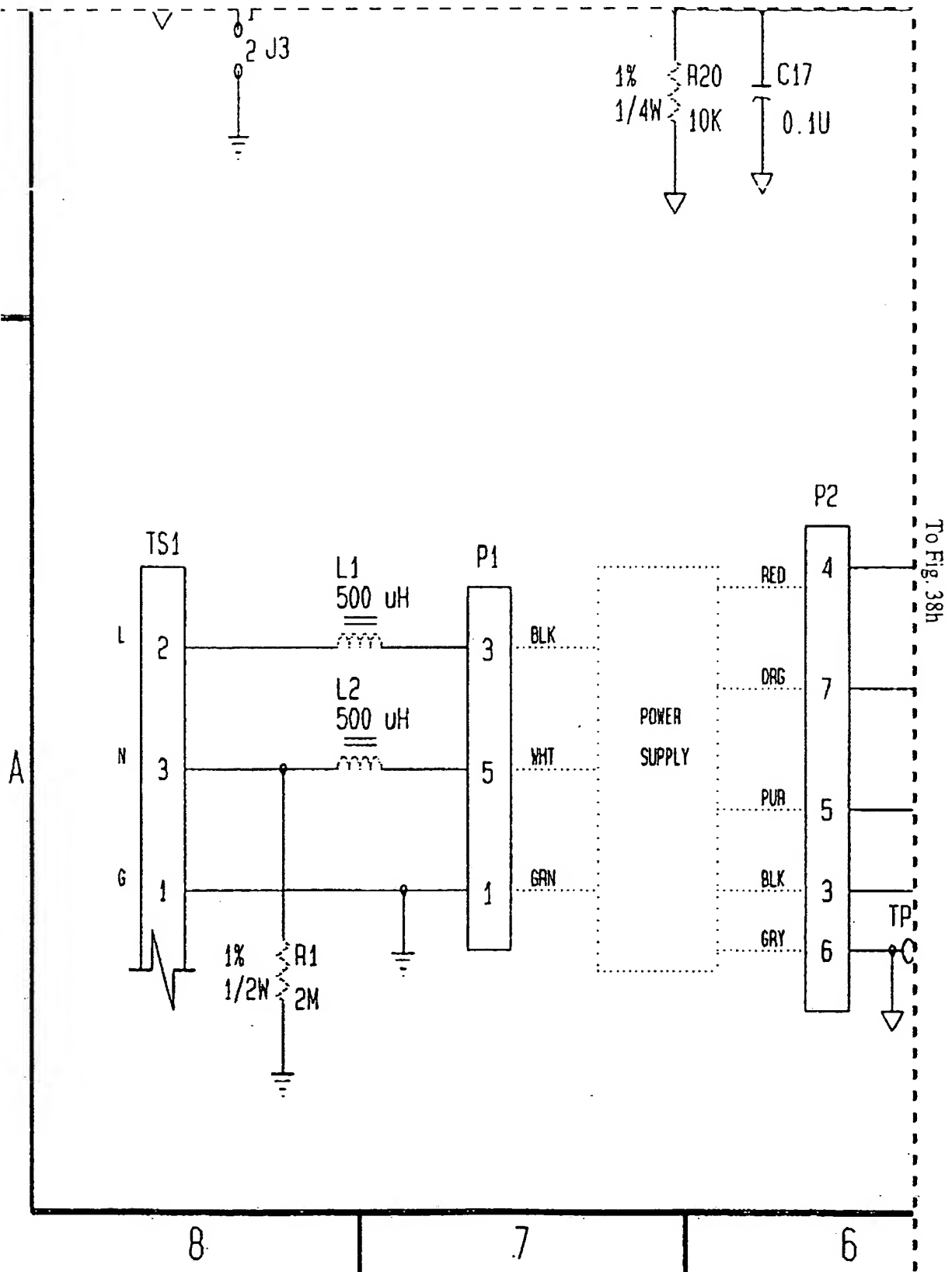
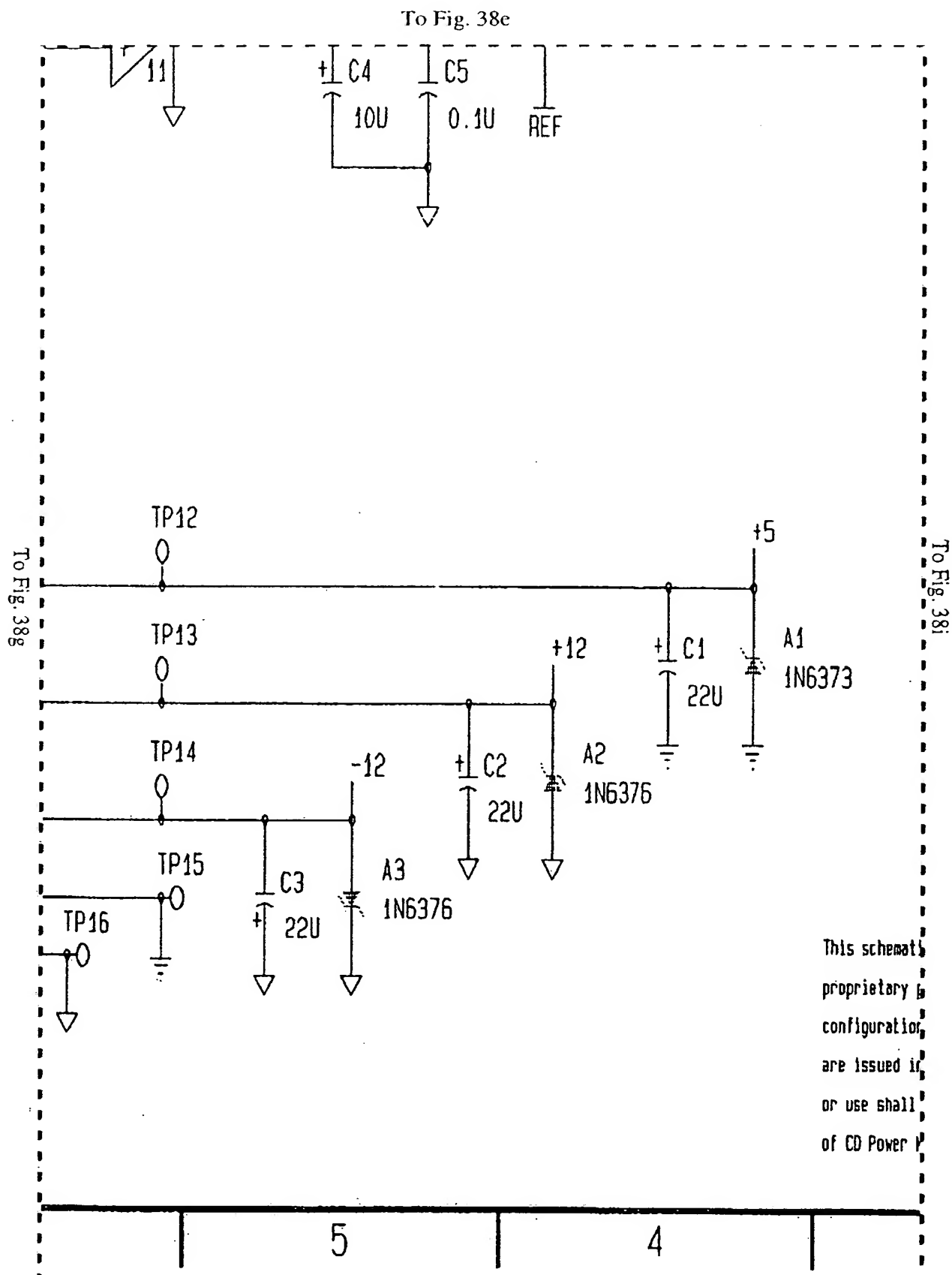


FIG. 38g

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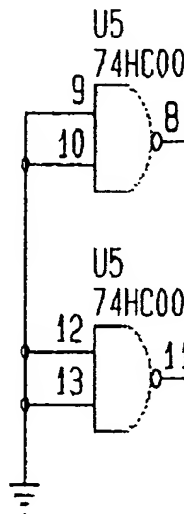
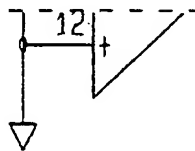


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FIG. 38h

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To Fig. 38f



LAST USED: U11
R39
C30
S6
P4
A16
D53
TP16
J5
PTC3
T53
L2
T4

To Fig. 38h

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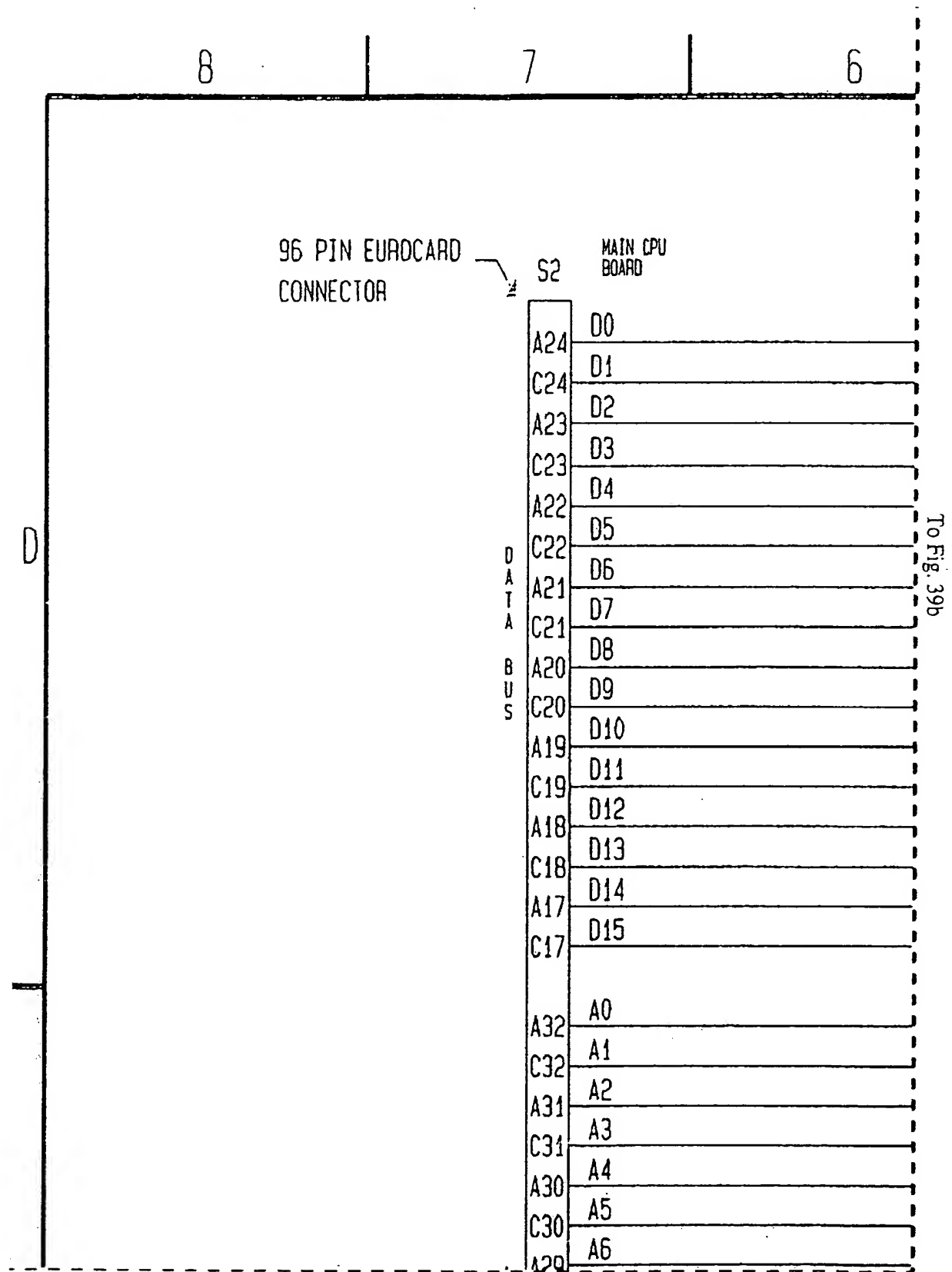
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FIG. 38i

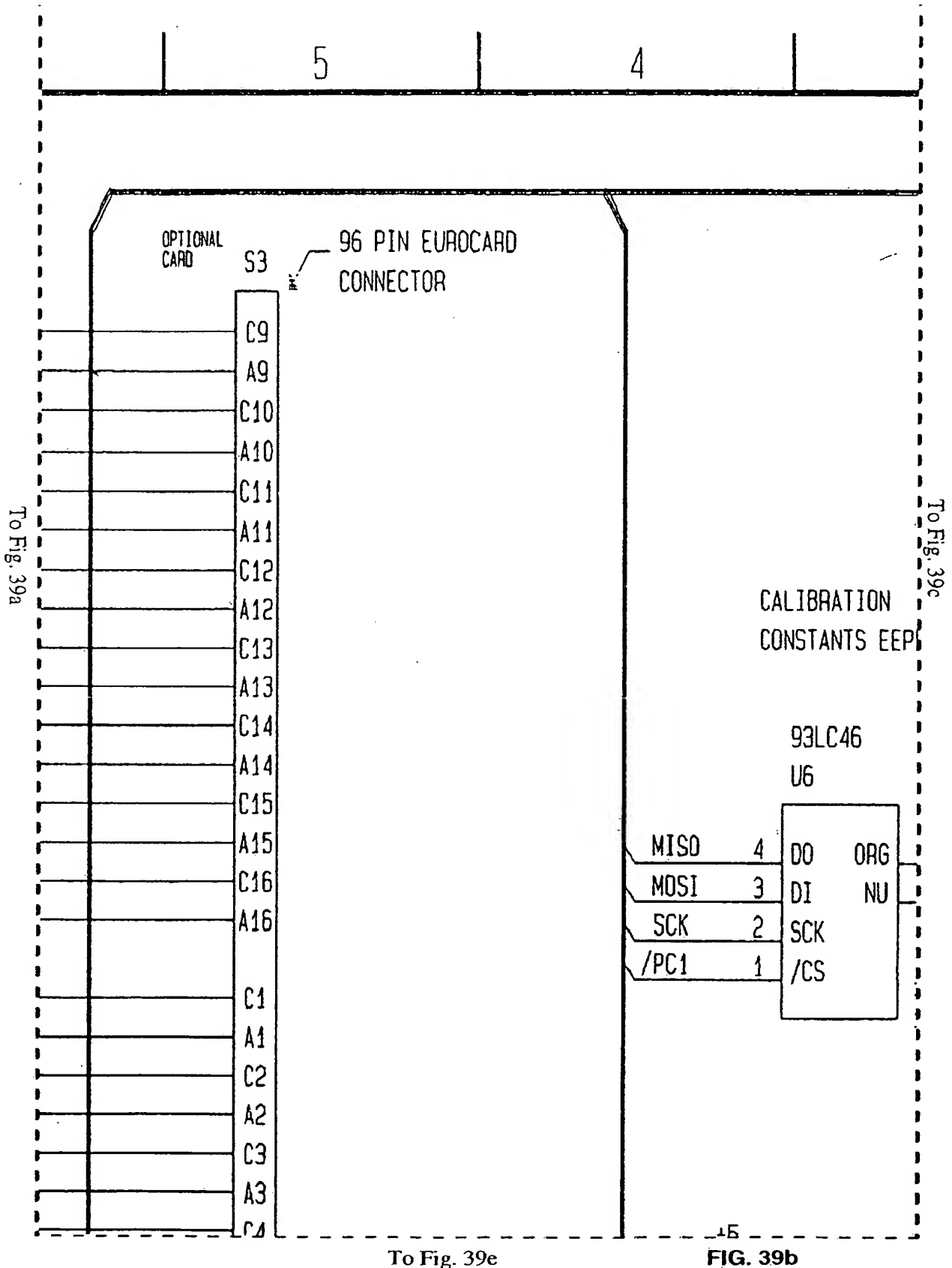
136 08 207



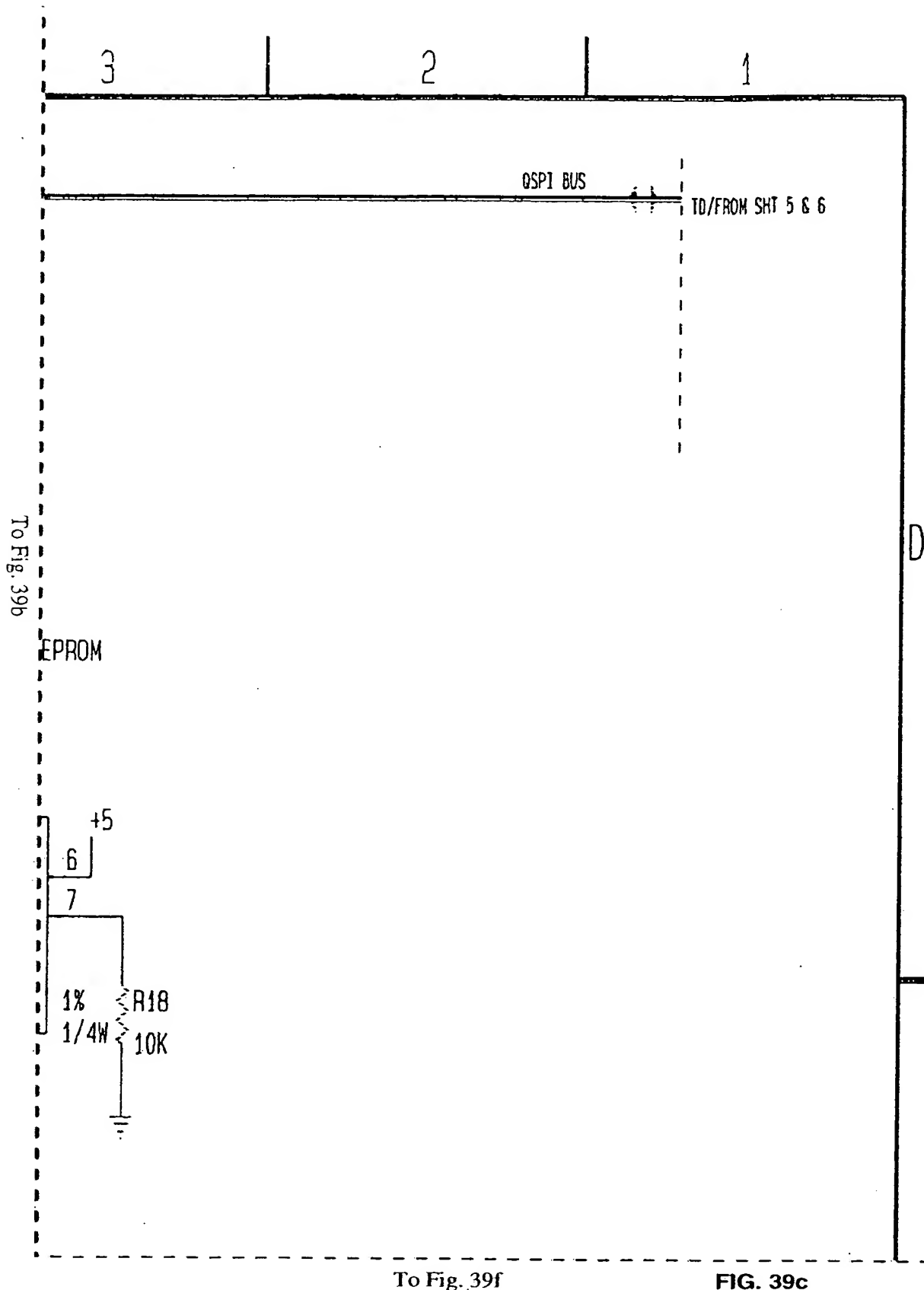
To Fig. 39d

FIG. 39a

13707 207

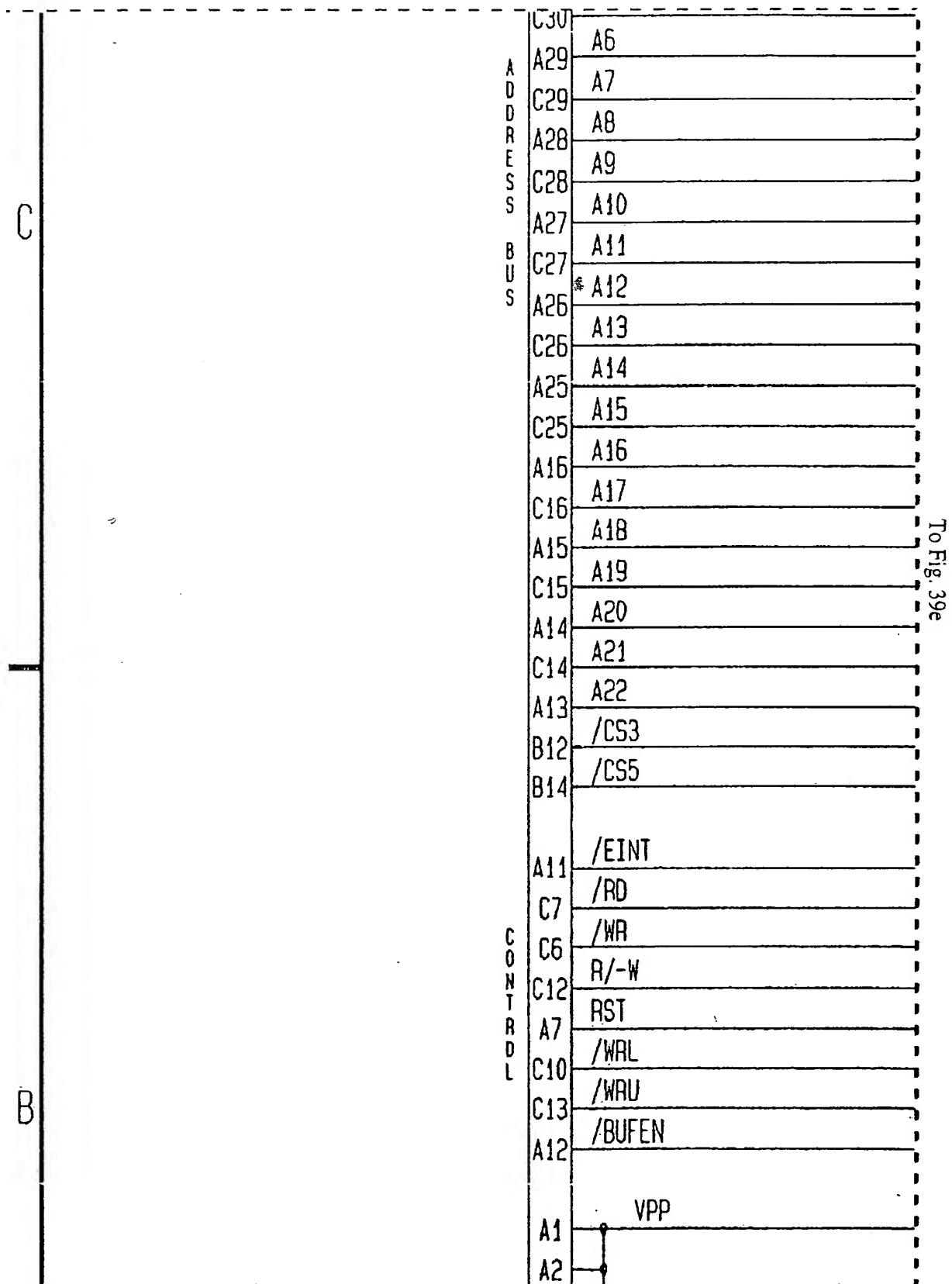


138 08 207



139 02 207

To Fig. 39a

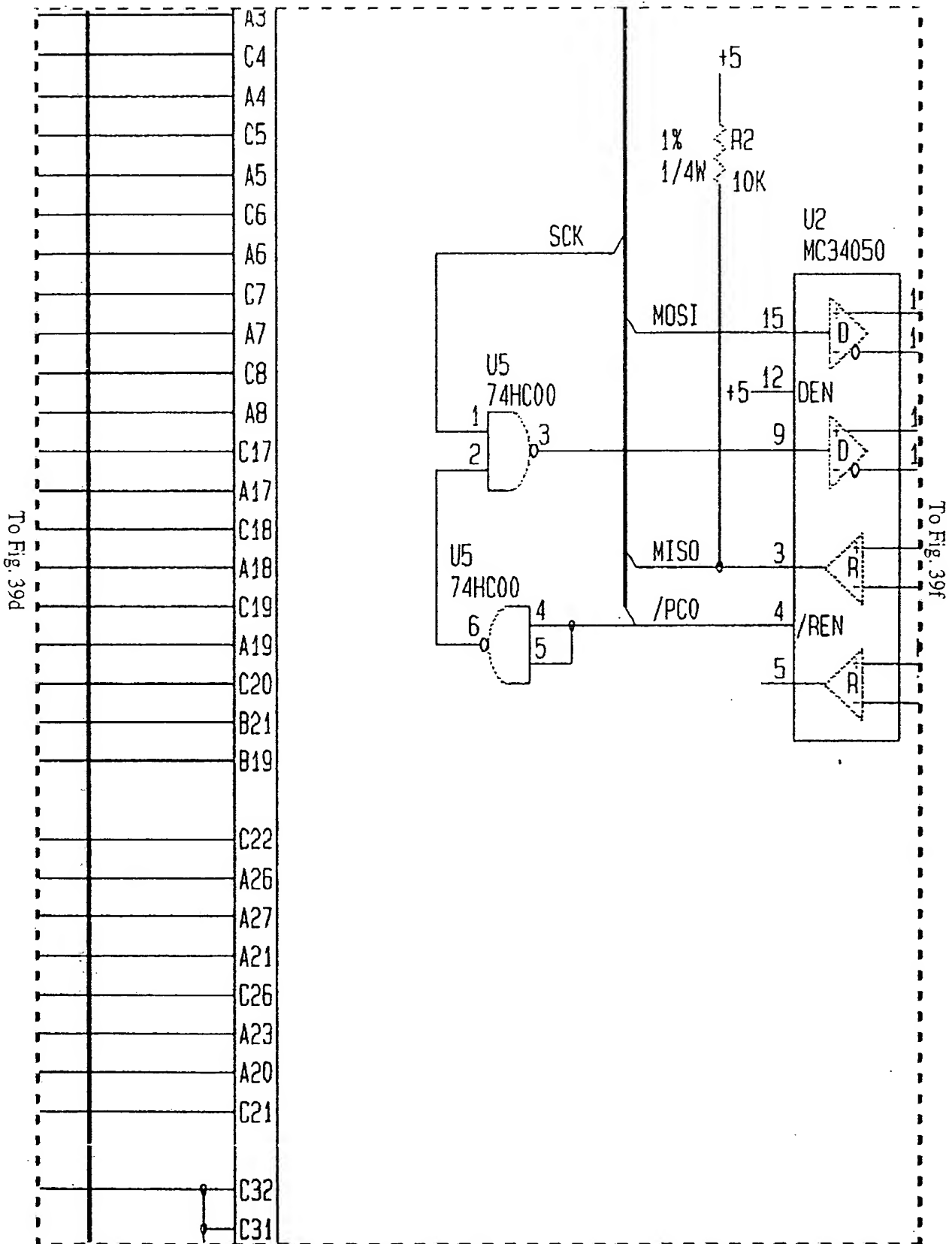


To Fig. 39g

FIG. 39d

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To Fig. 39b

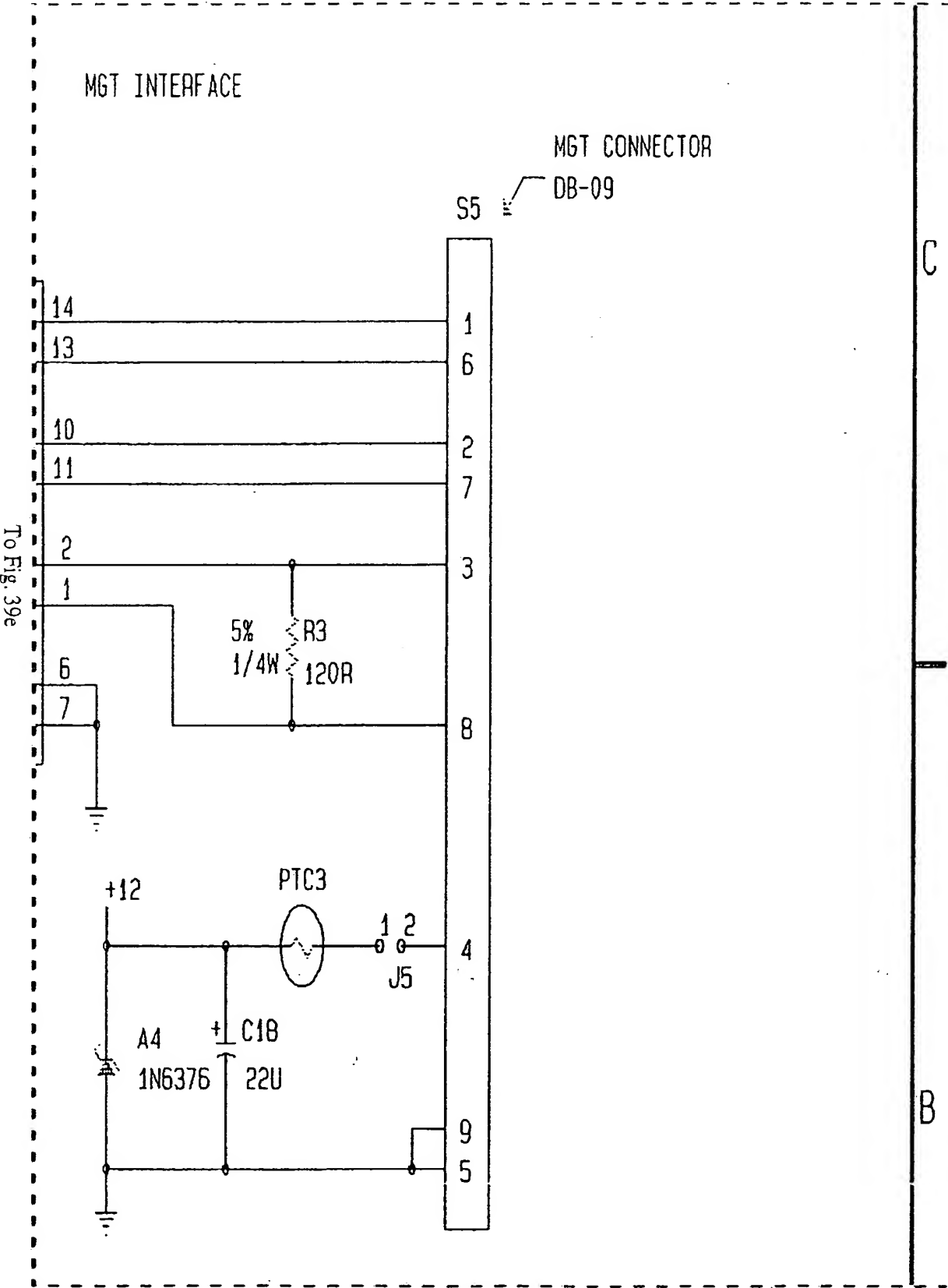


To Fig. 39h

FIG. 39e

141 a 207

To Fig. 39c



To Fig. 39i

FIG. 39f

142 08207

To Fig. 39d

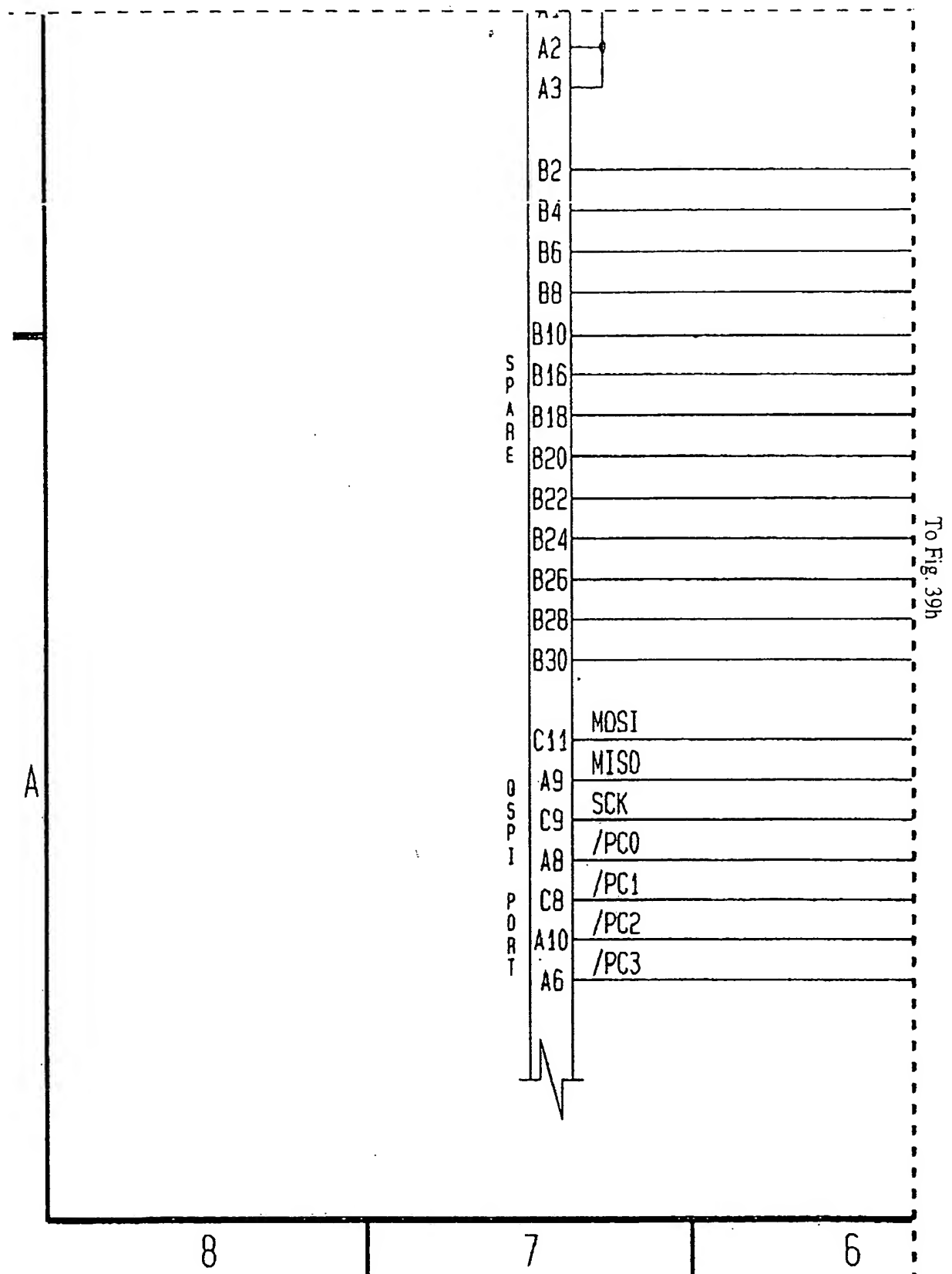


FIG. 39g

143 08 207

To Fig. 39e

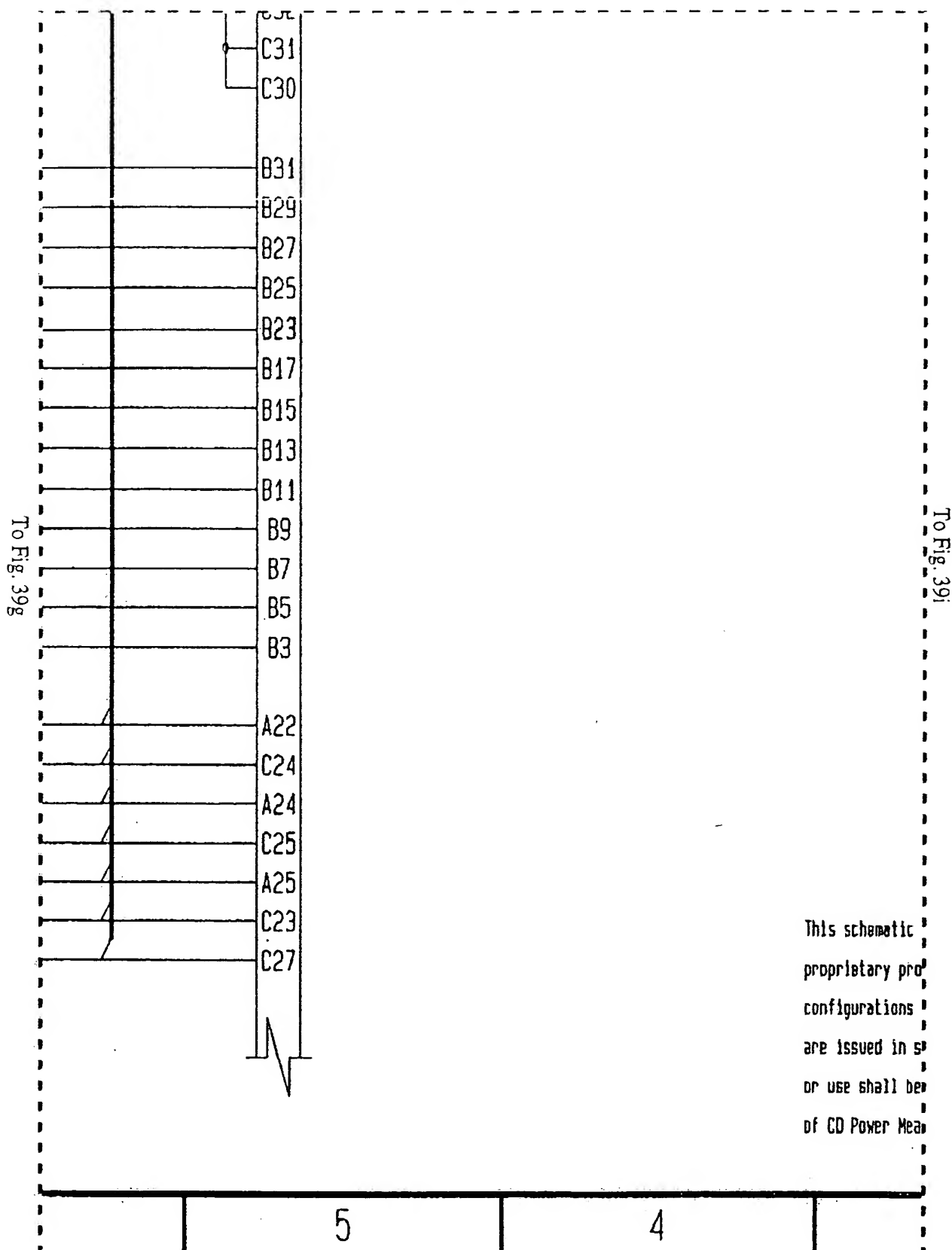


FIG. 39h

144 06 207

To Fig. 39f

To Fig. 39h

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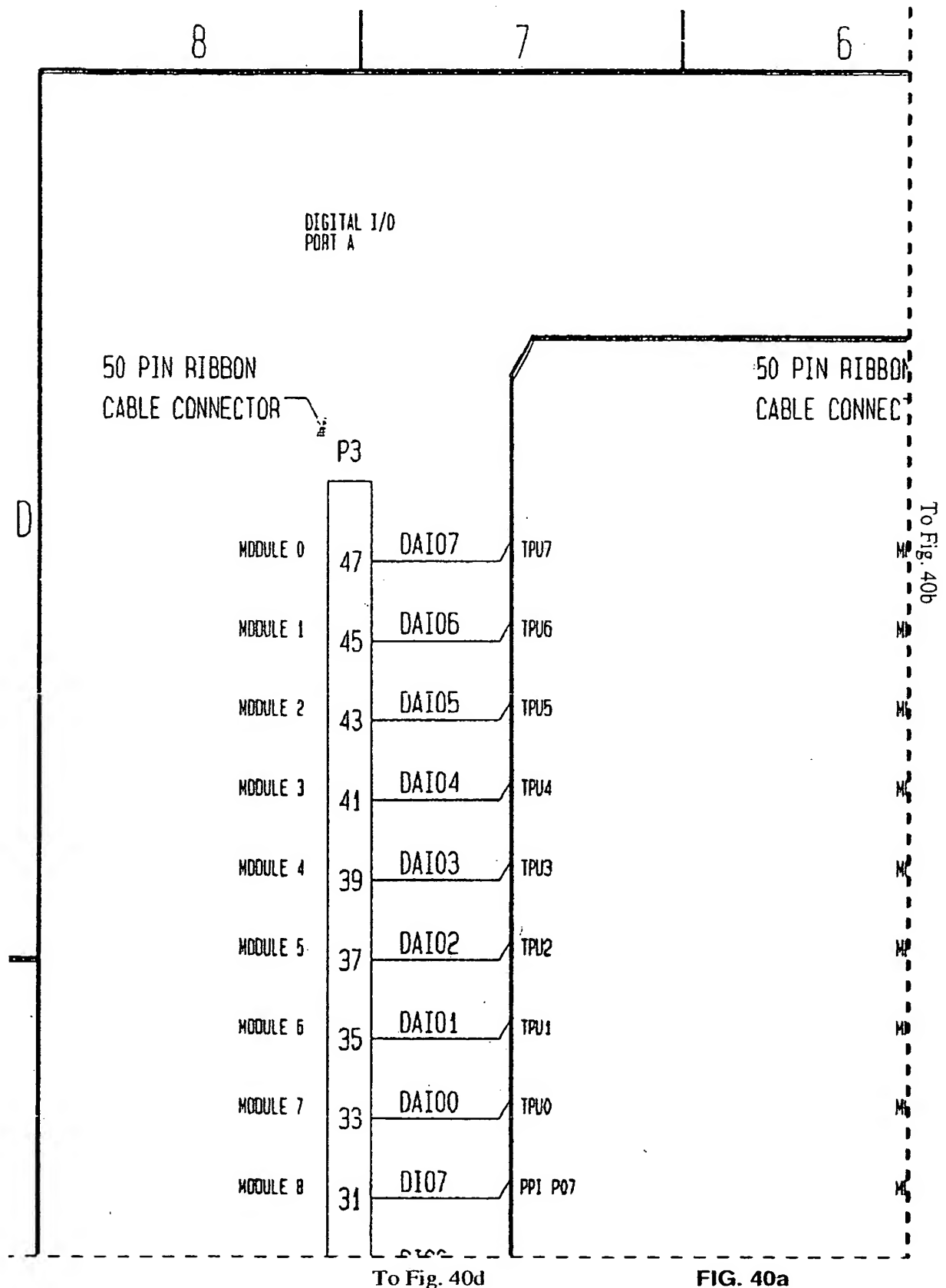
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FIG. 39i

145 08 207



To Fig. 40d

FIG. 40a

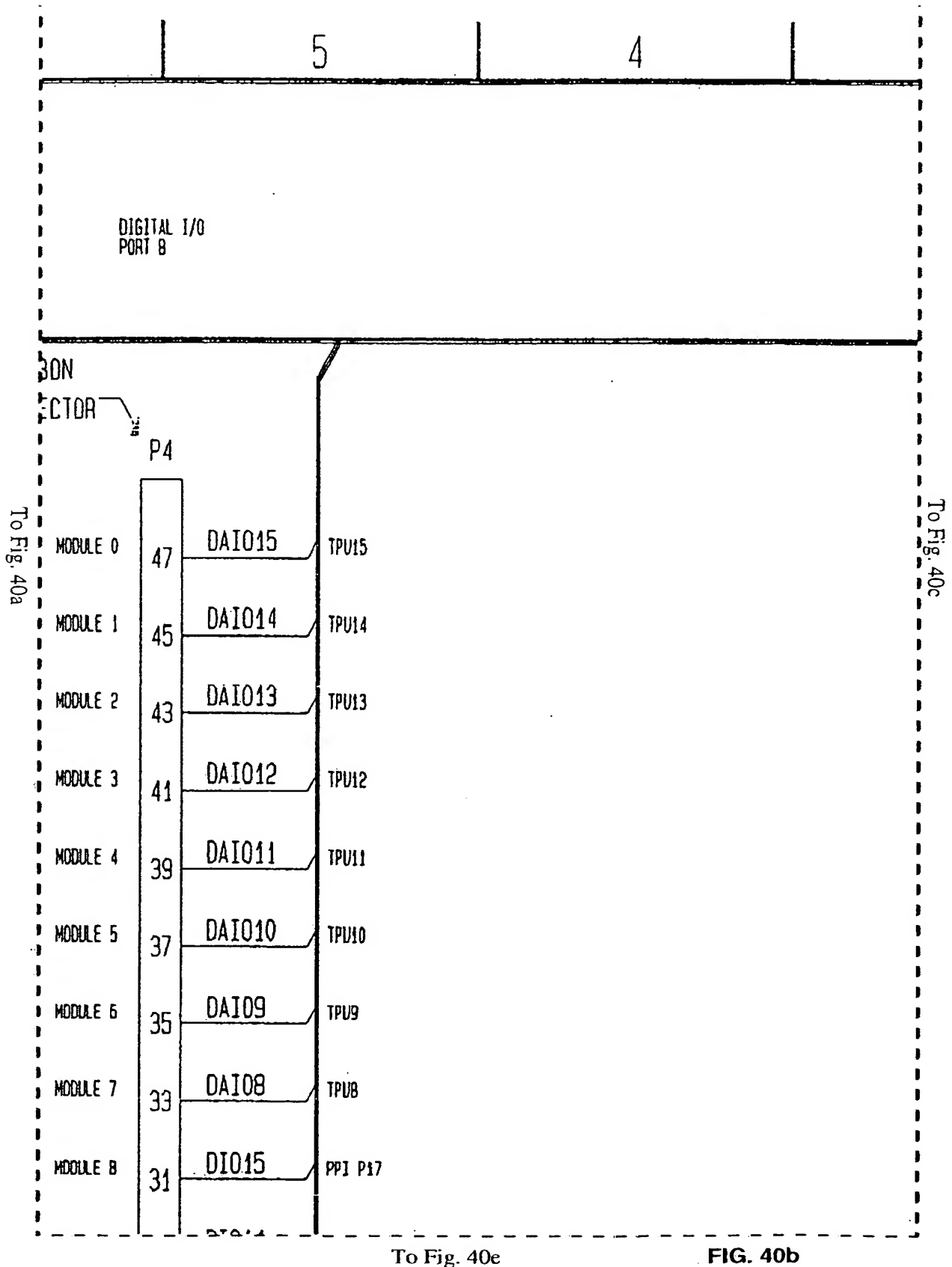
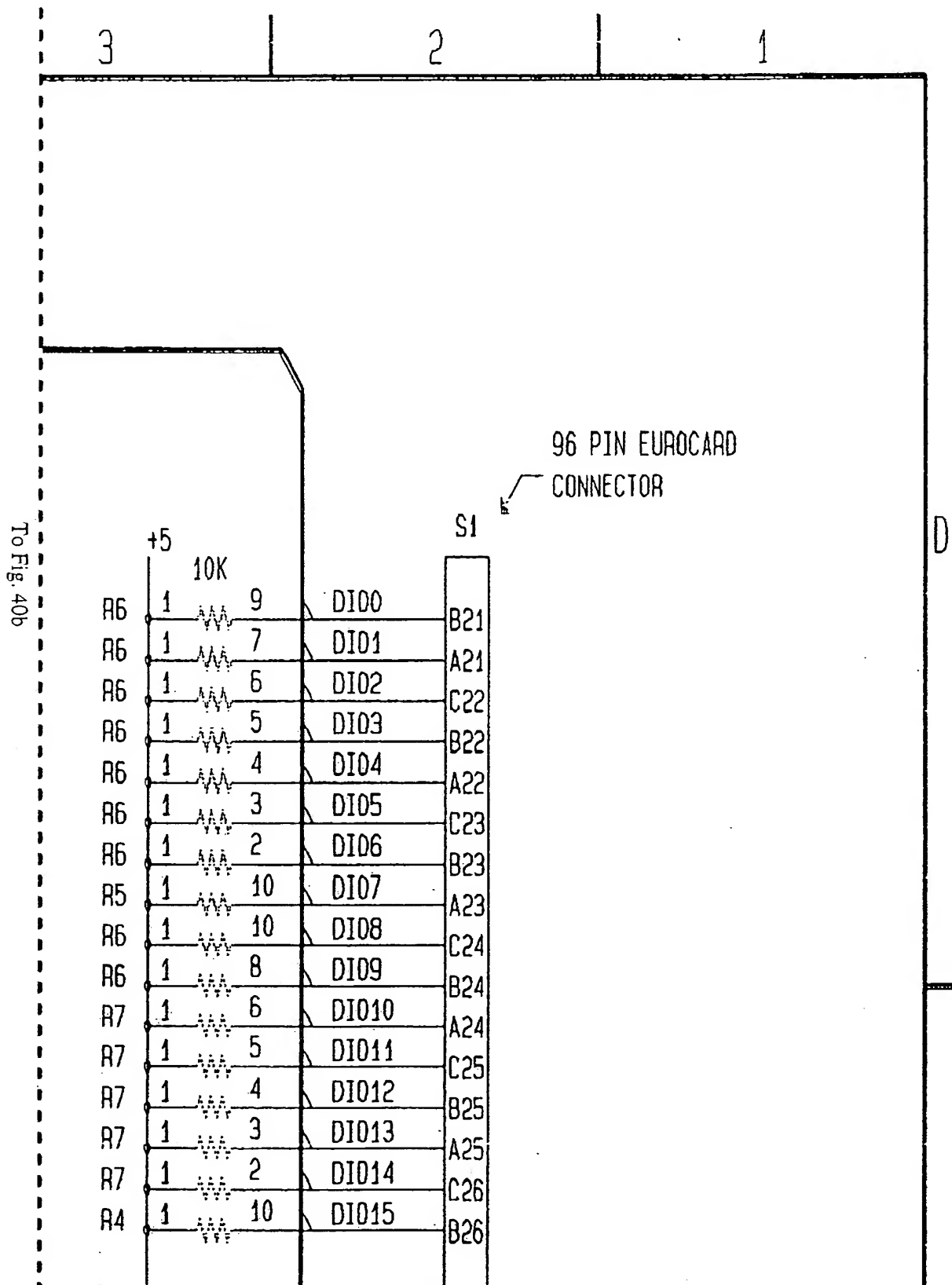


FIG. 40b

147 08 307

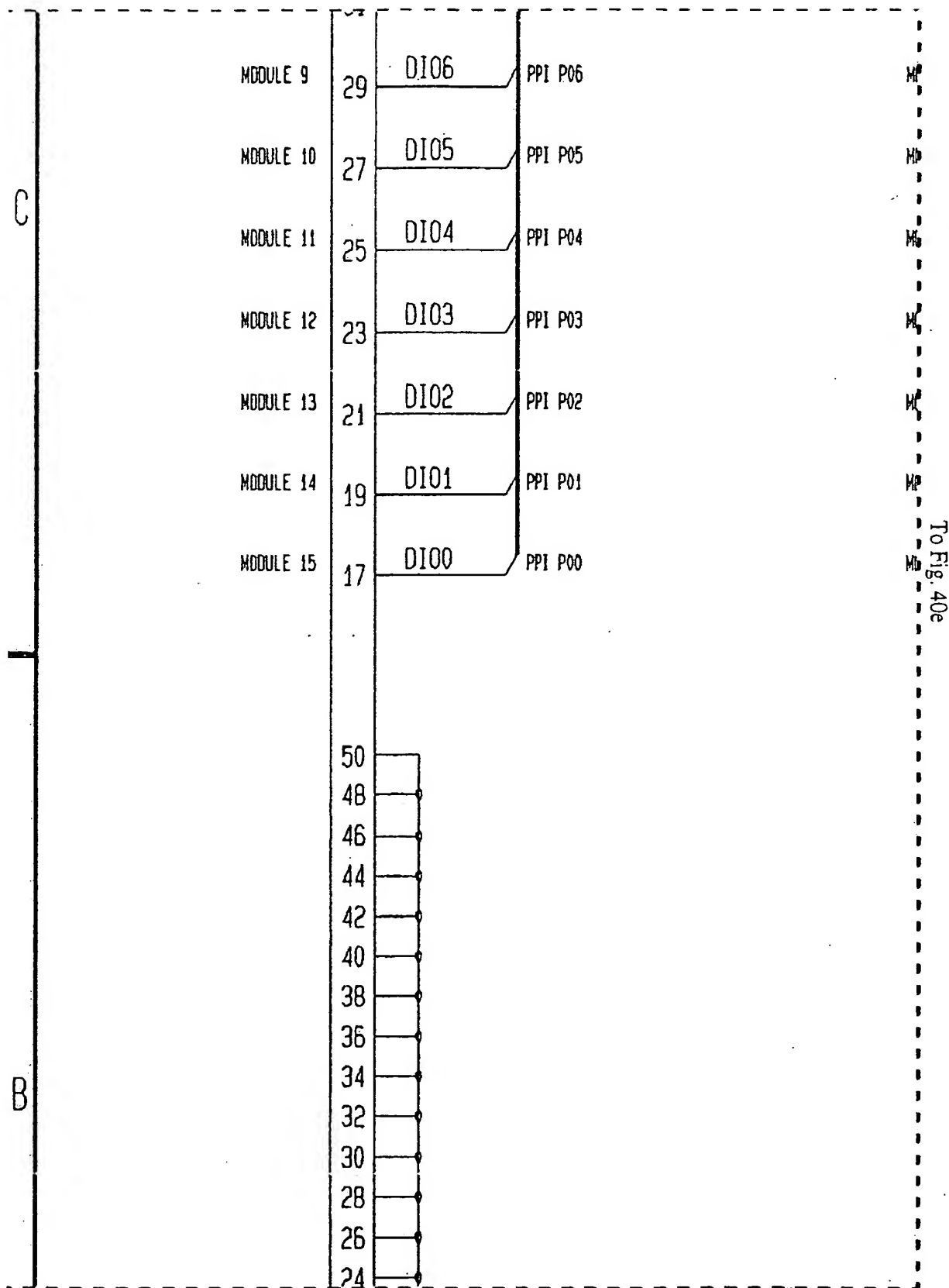


To Fig. 40f

FIG. 40c

148 08 207

To Fig. 40a

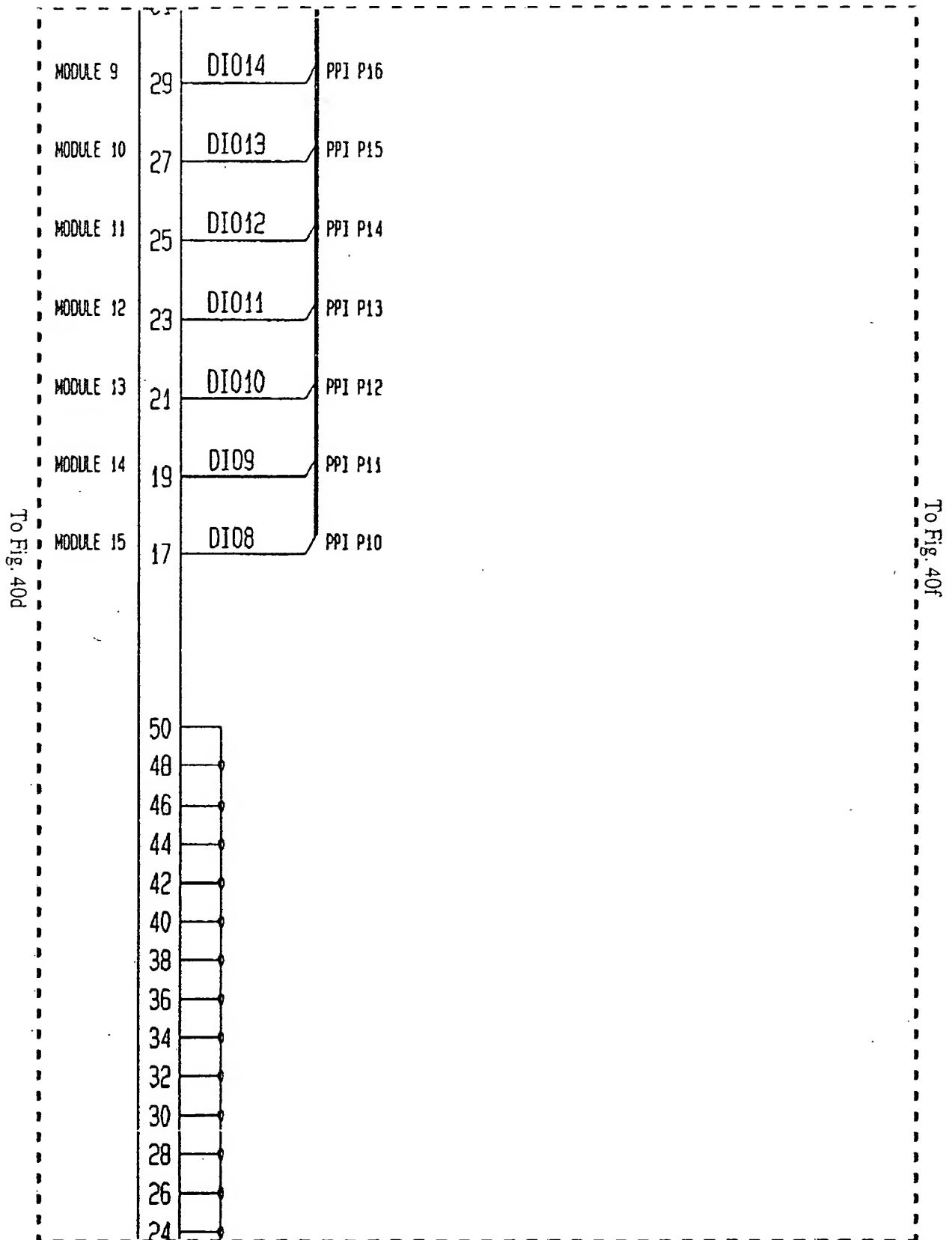


To Fig. 40g

FIG. 40d

149 8 807

To Fig. 40b

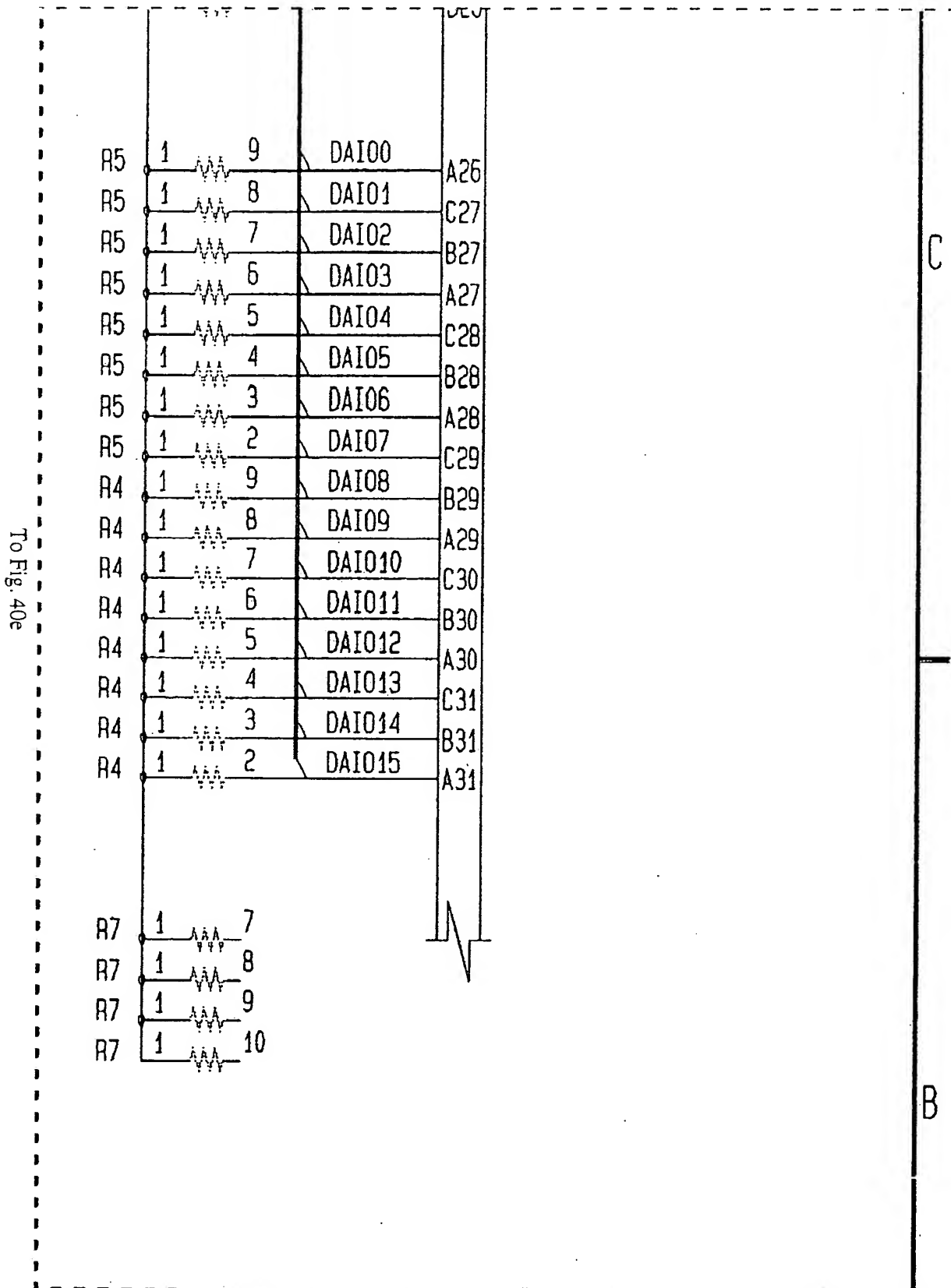


To Fig. 40h

FIG. 40e

150 8 207

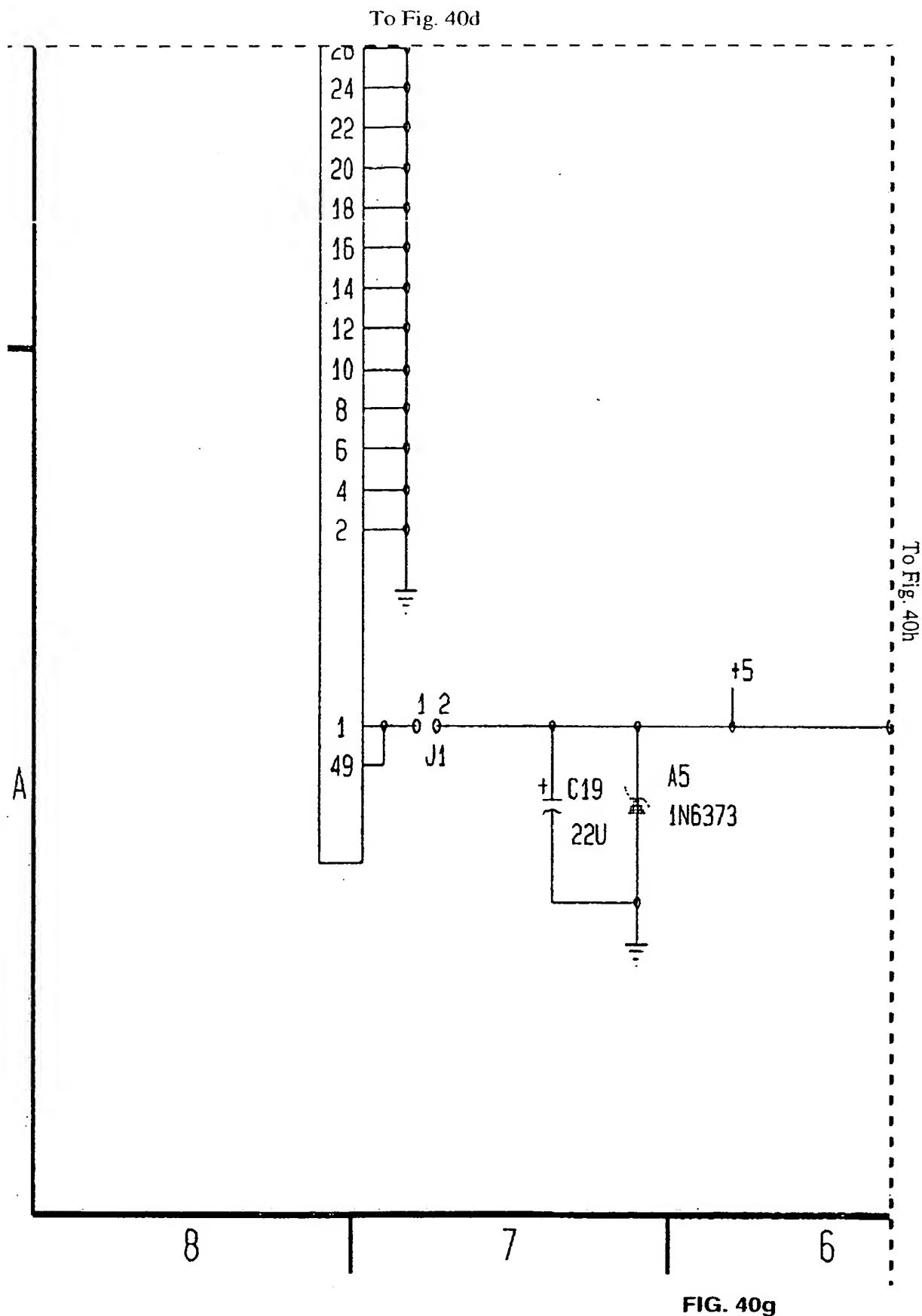
To Fig. 40c



To Fig. 40i

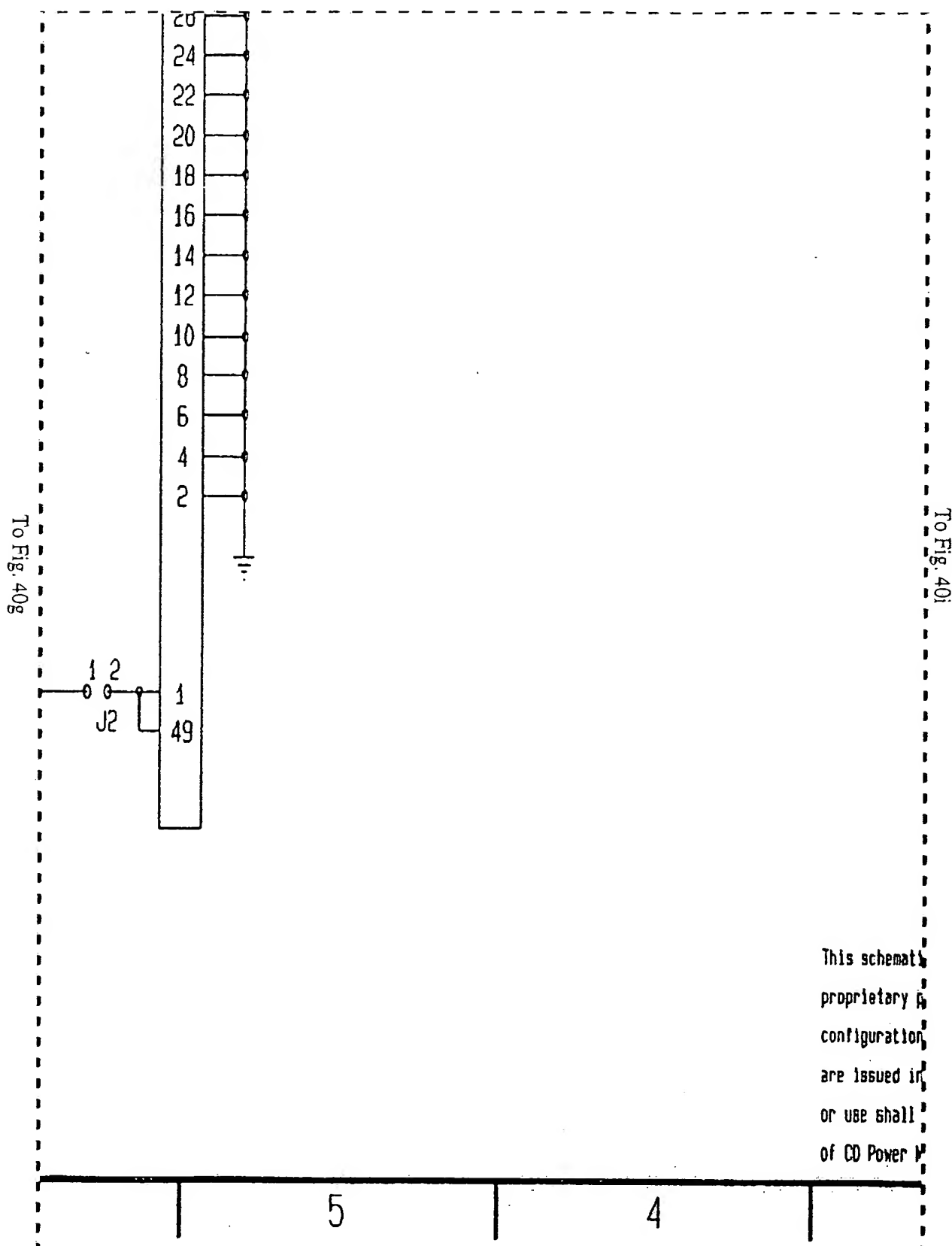
FIG. 40f

151 8 207



152 8207

To Fig. 40e



193 08 207

To Fig. 40f

To Fig. 40h

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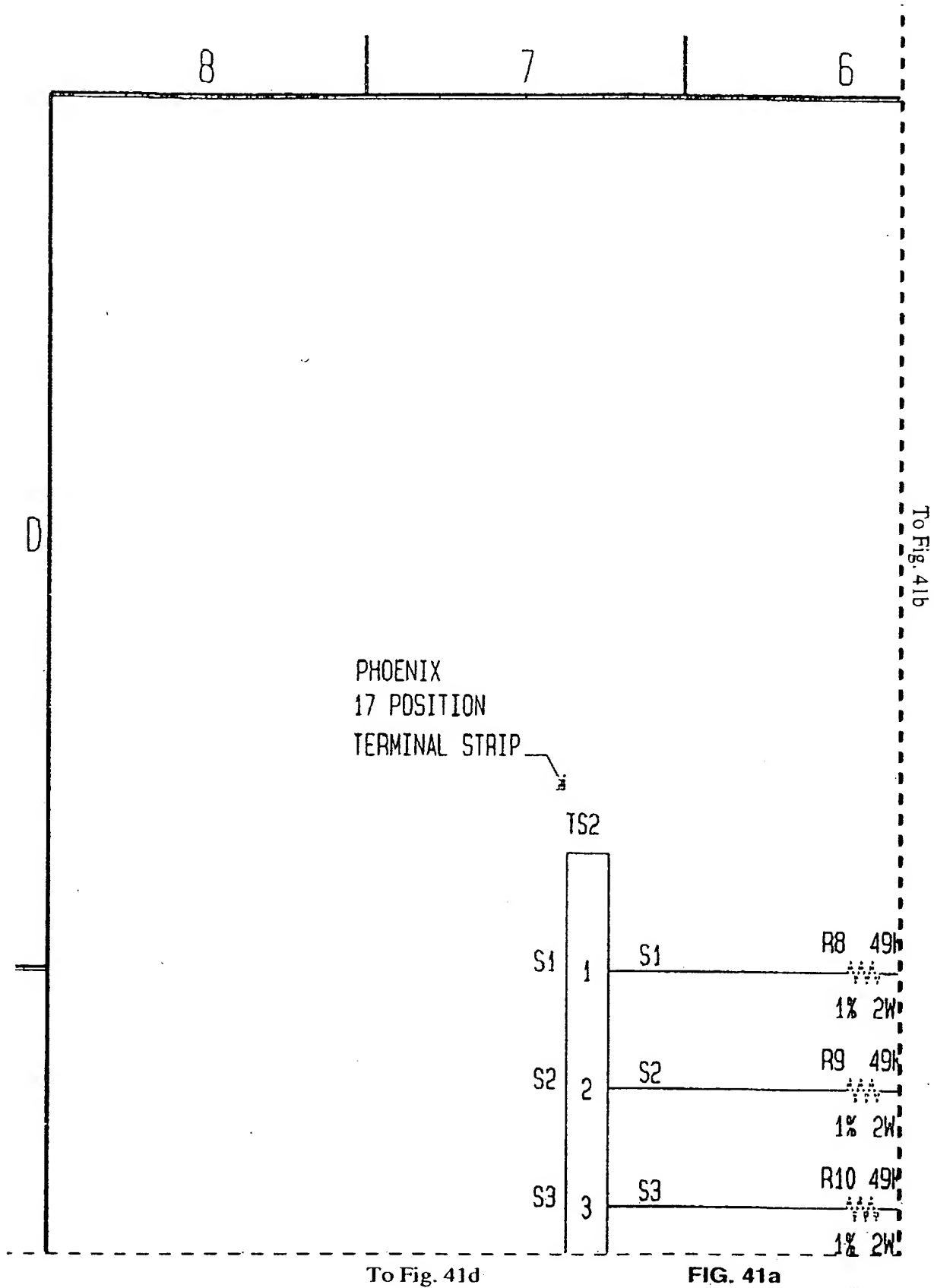
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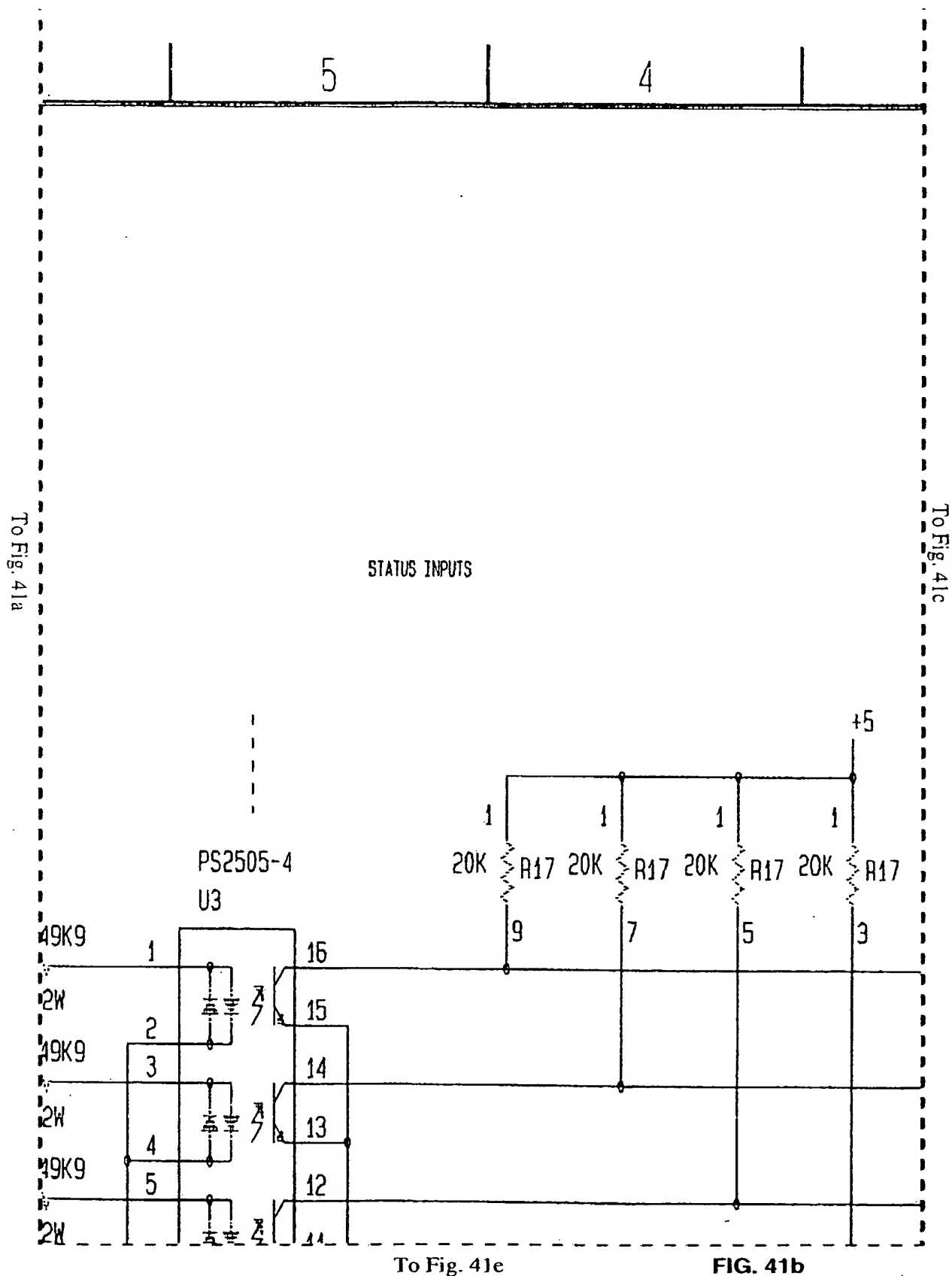
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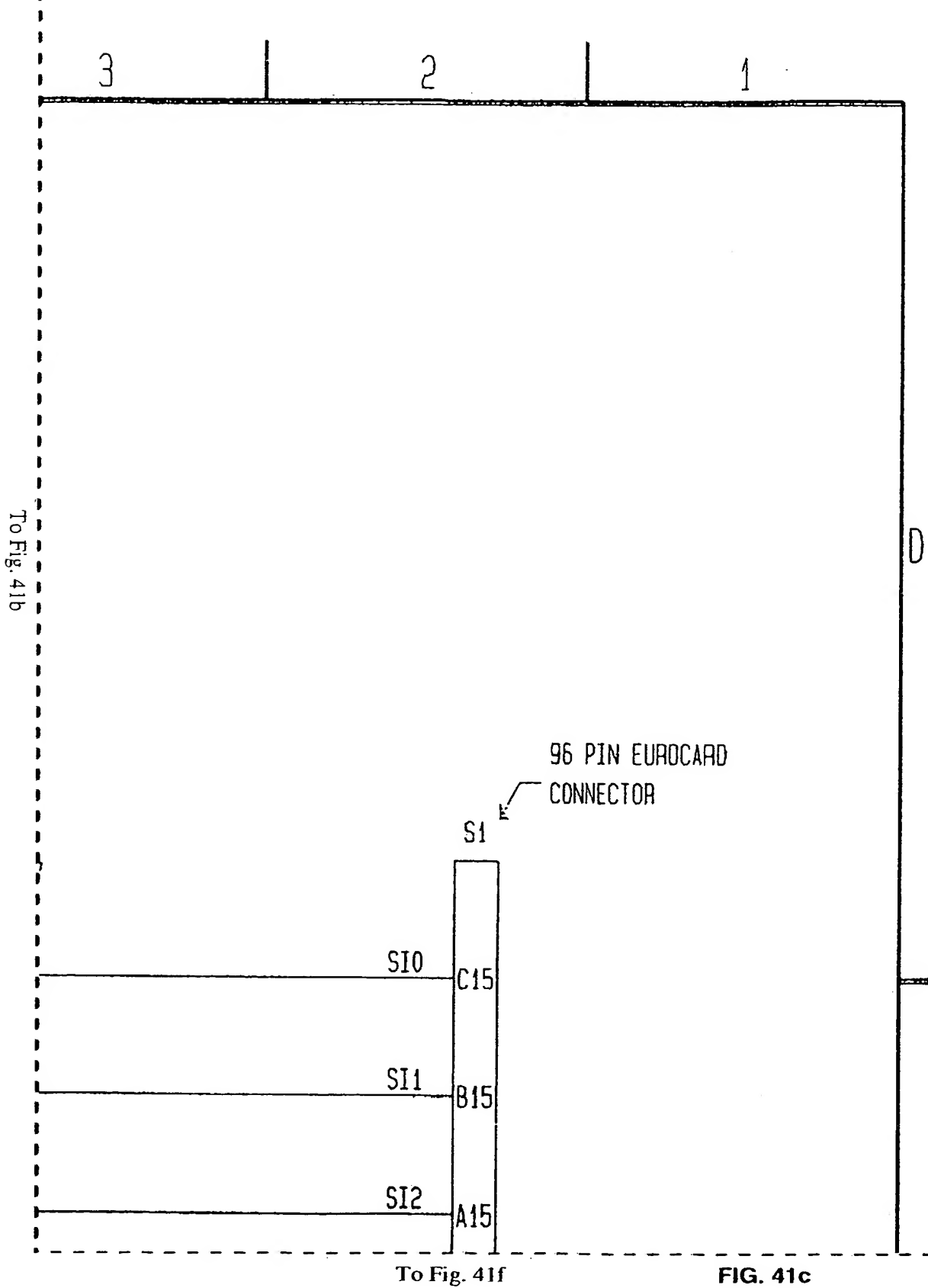
FIG. 40i

154 8 207



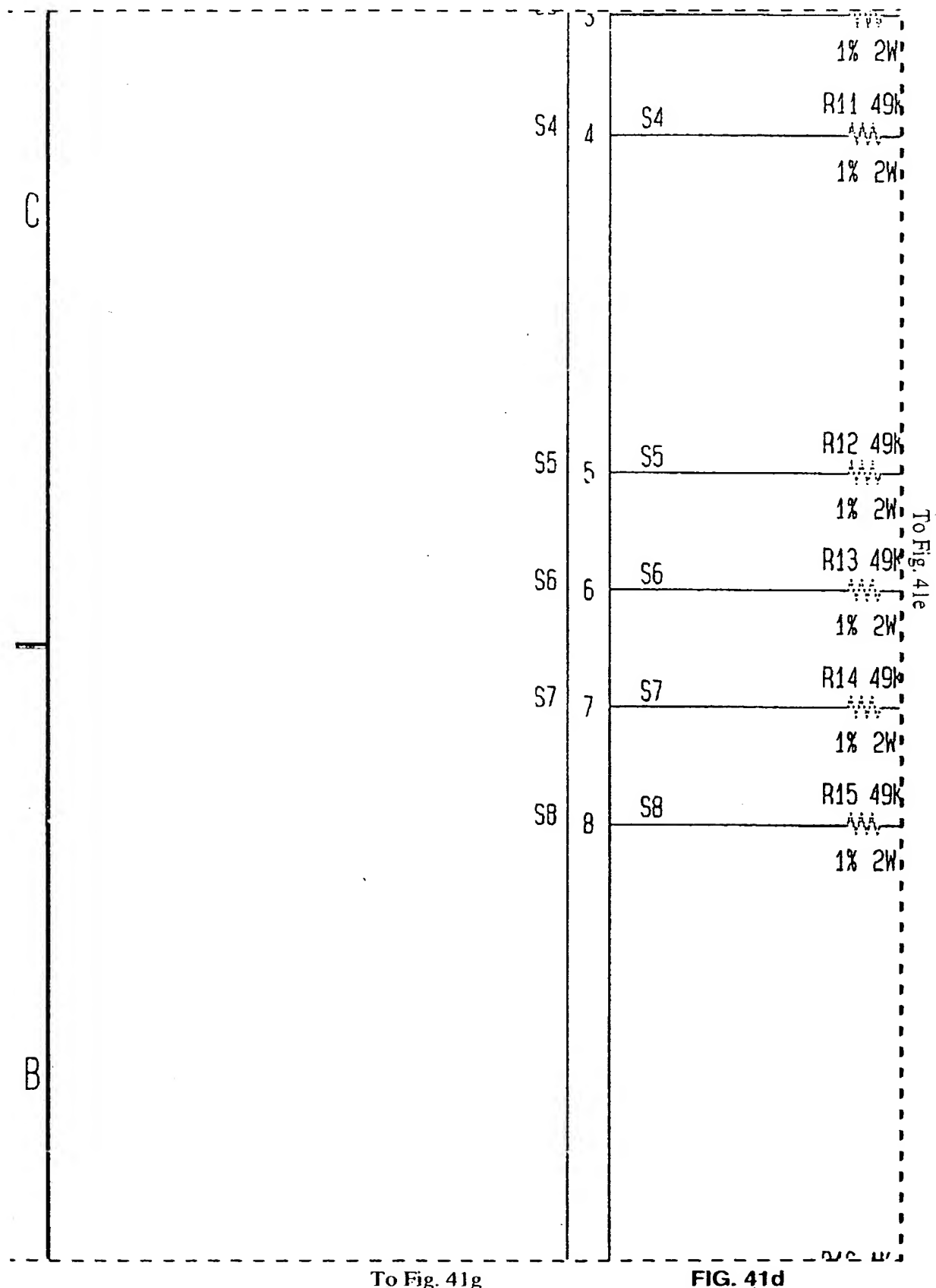
155 Q 207





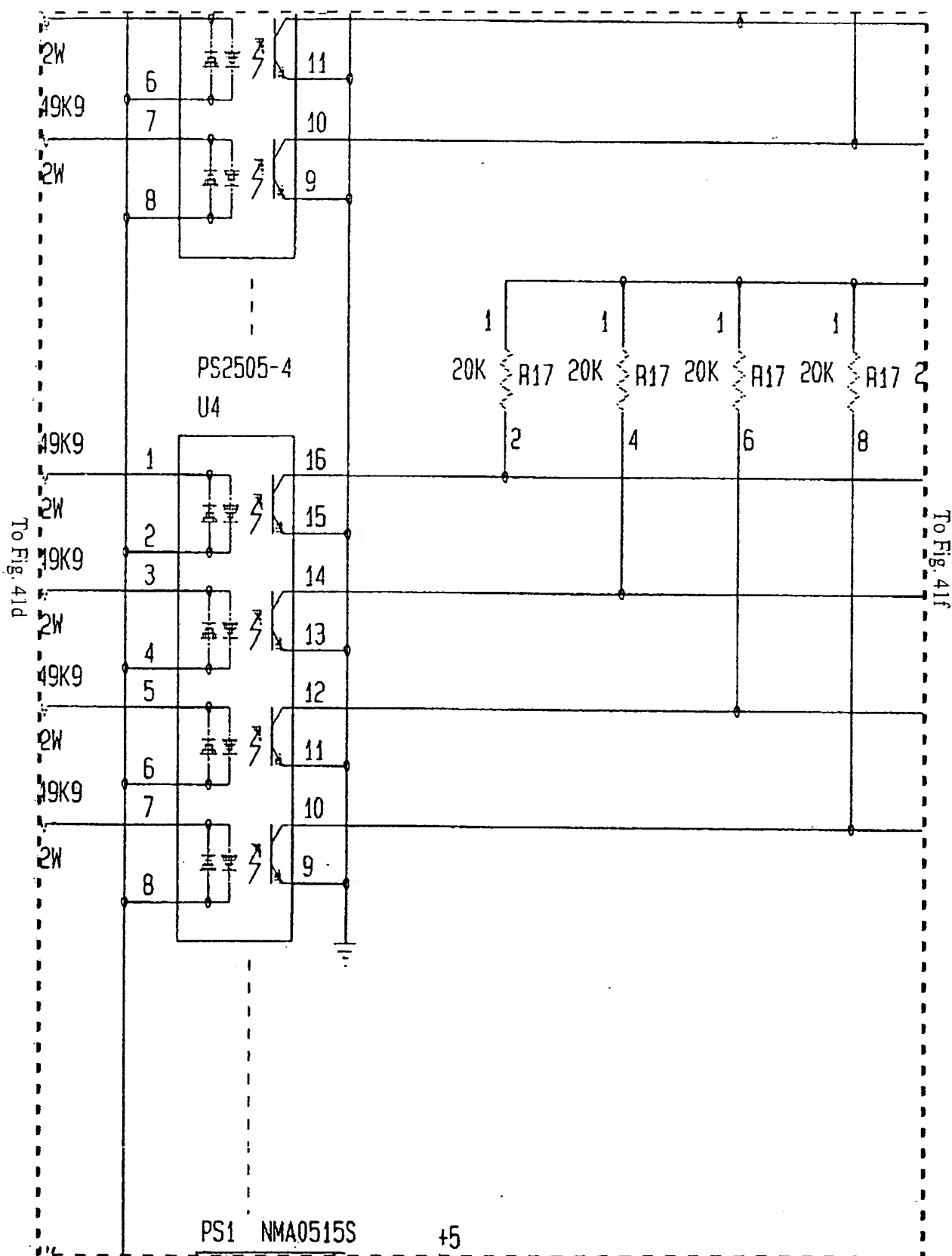
157 08 207

To Fig. 41a



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To Fig. 41b



To Fig. 41h

FIG. 41e

A15

SI3

C16

+5

1

20K

10

SI 4

B16

S15

A16

S16

C17

SI7

B17

C

B

To Fig. 41e

To Fig. 41i

FIG. 41f

160 88207

To Fig. 41d

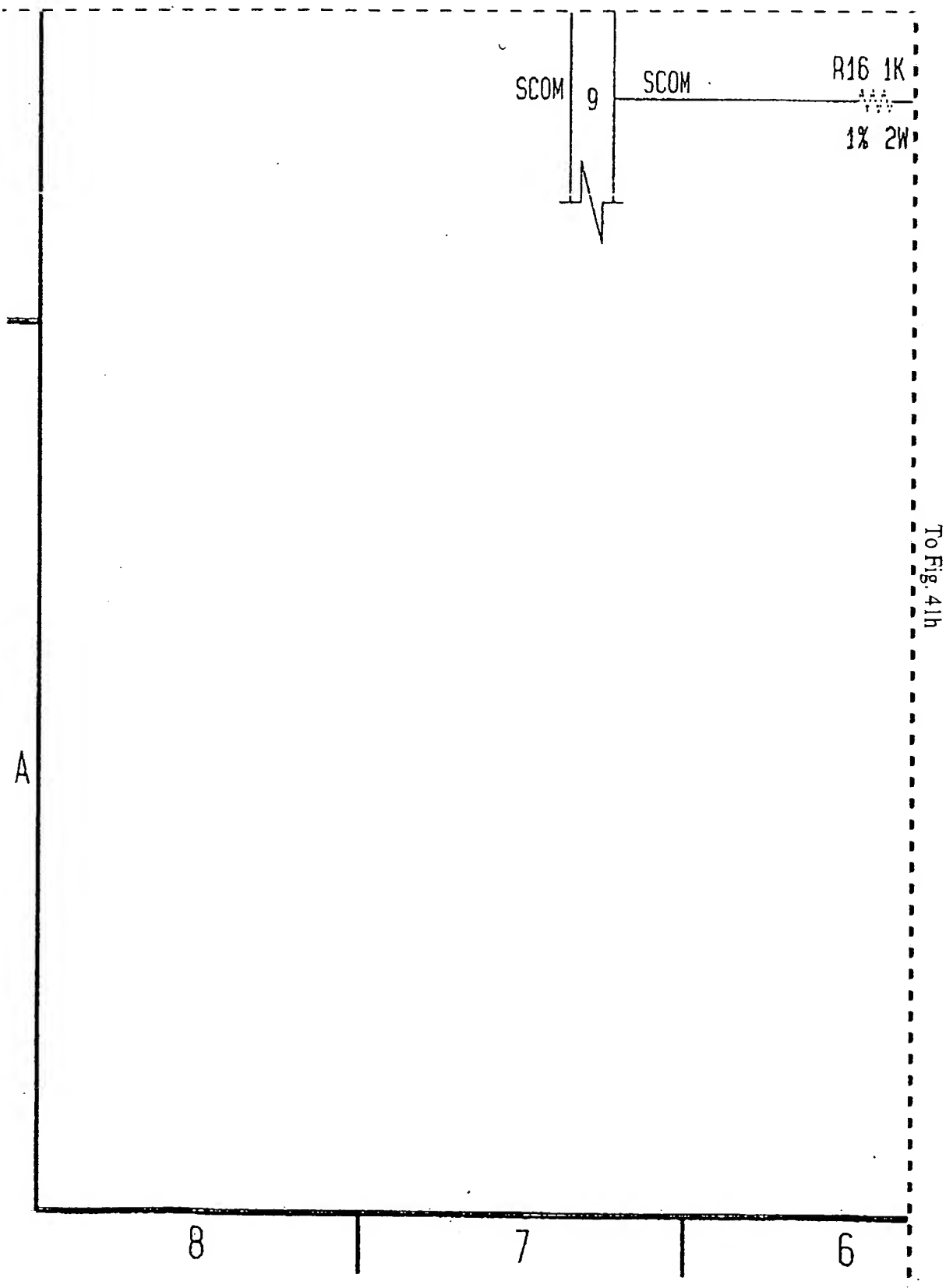
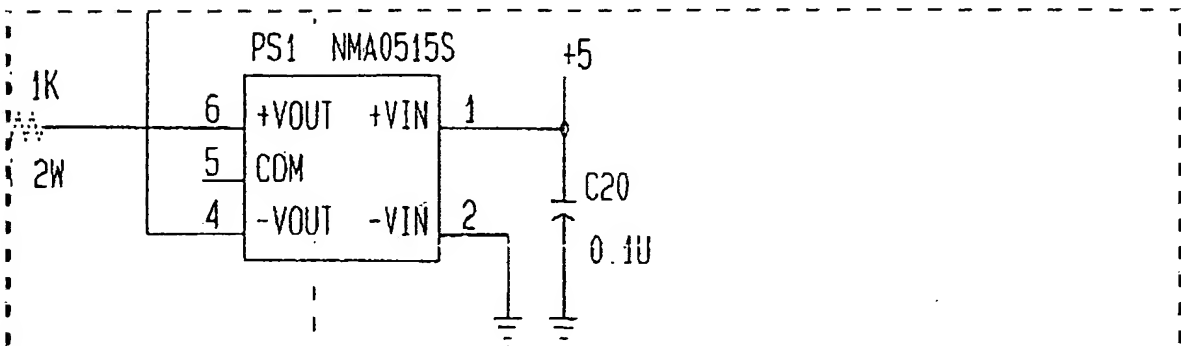


FIG. 41g

161 06307

To Fig. 41c



ISOLATION

To Fig. 41g

To Fig. 41i

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FIG. 41h

162 88 207

To Fig. 41f

To Fig. 41h

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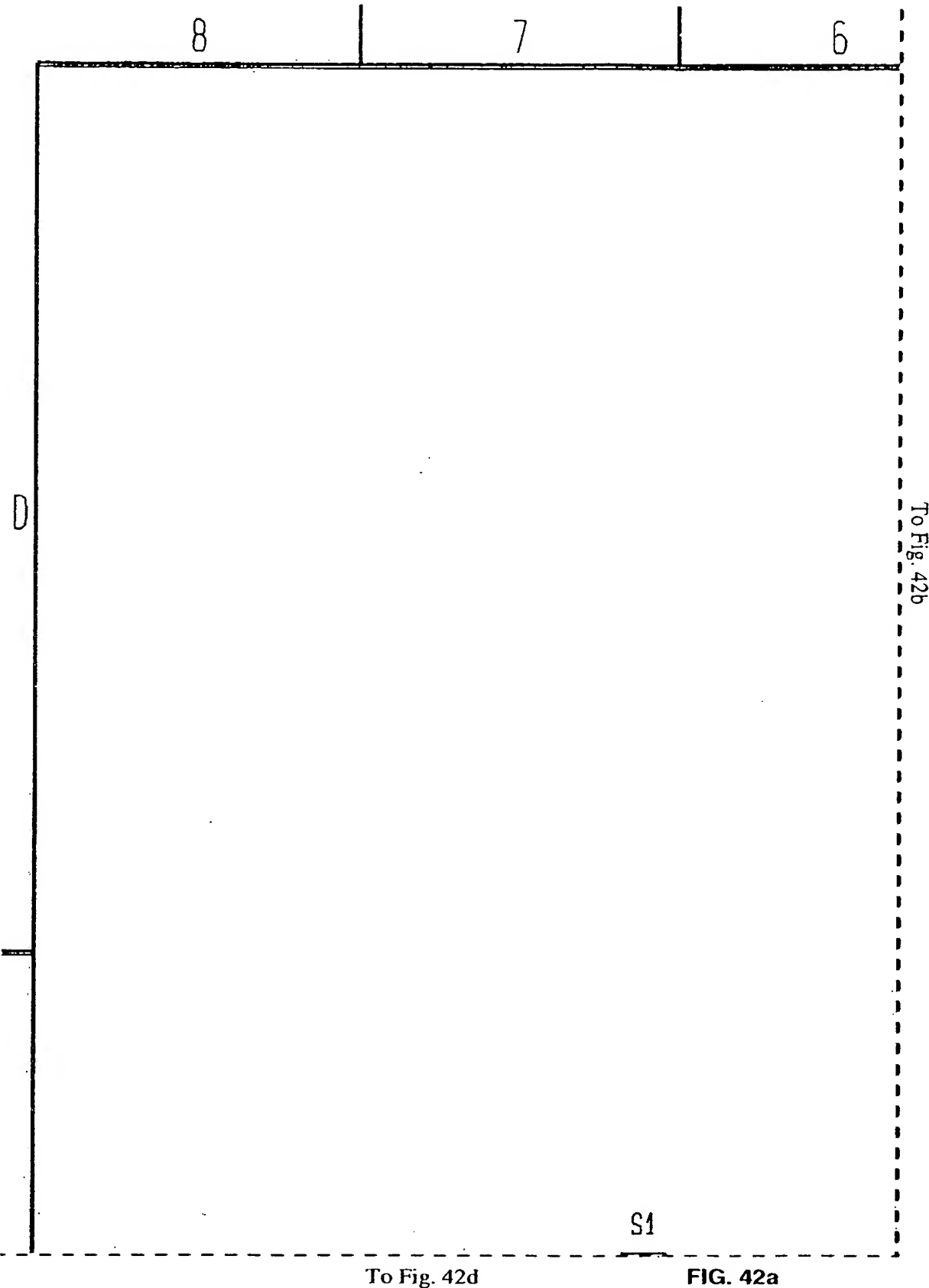
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FIG. 41i

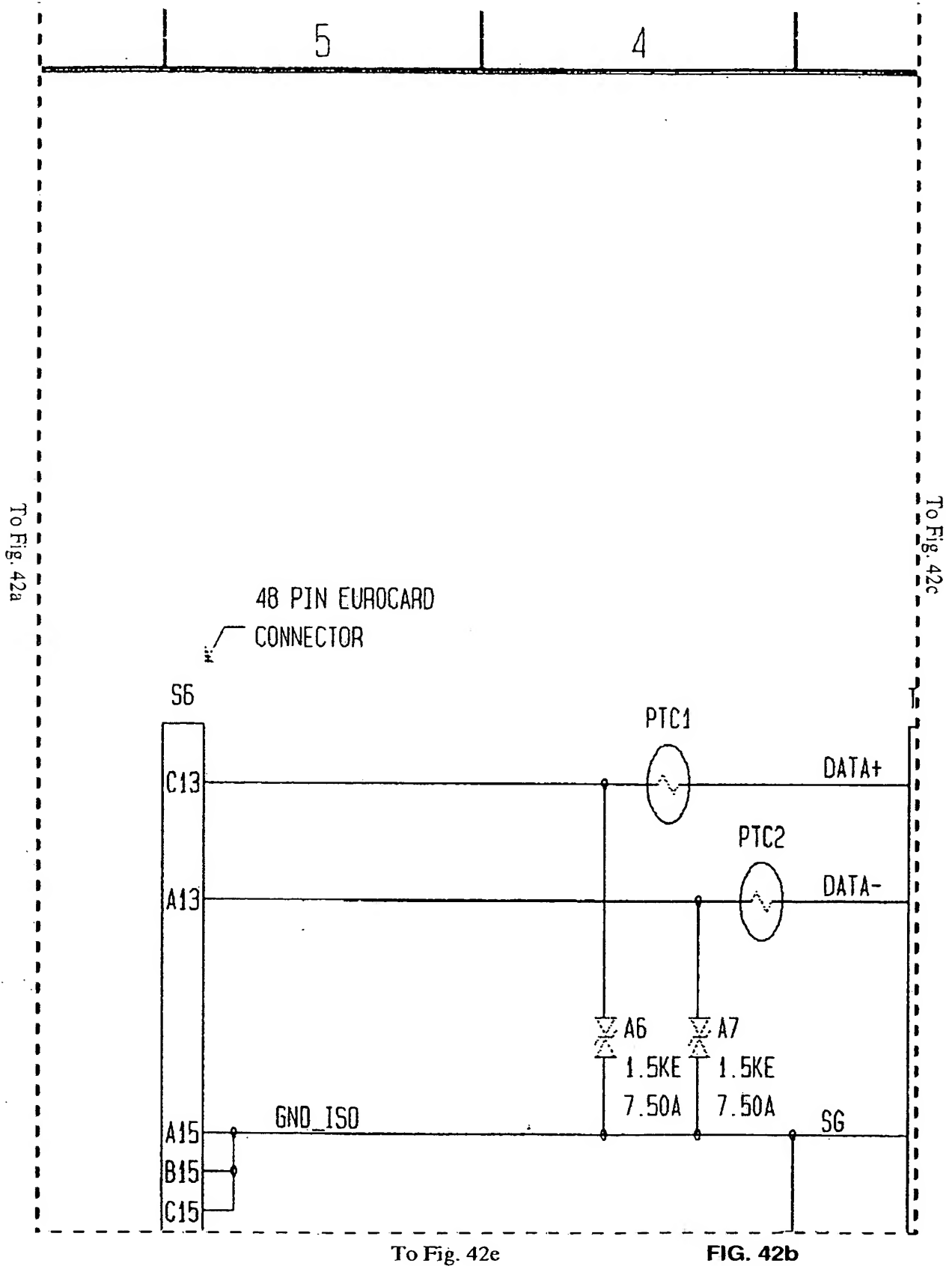
Inventor(s): Ronald G. Hart

Attorney Docket No. 6270/76, Serial No. 10/068,431

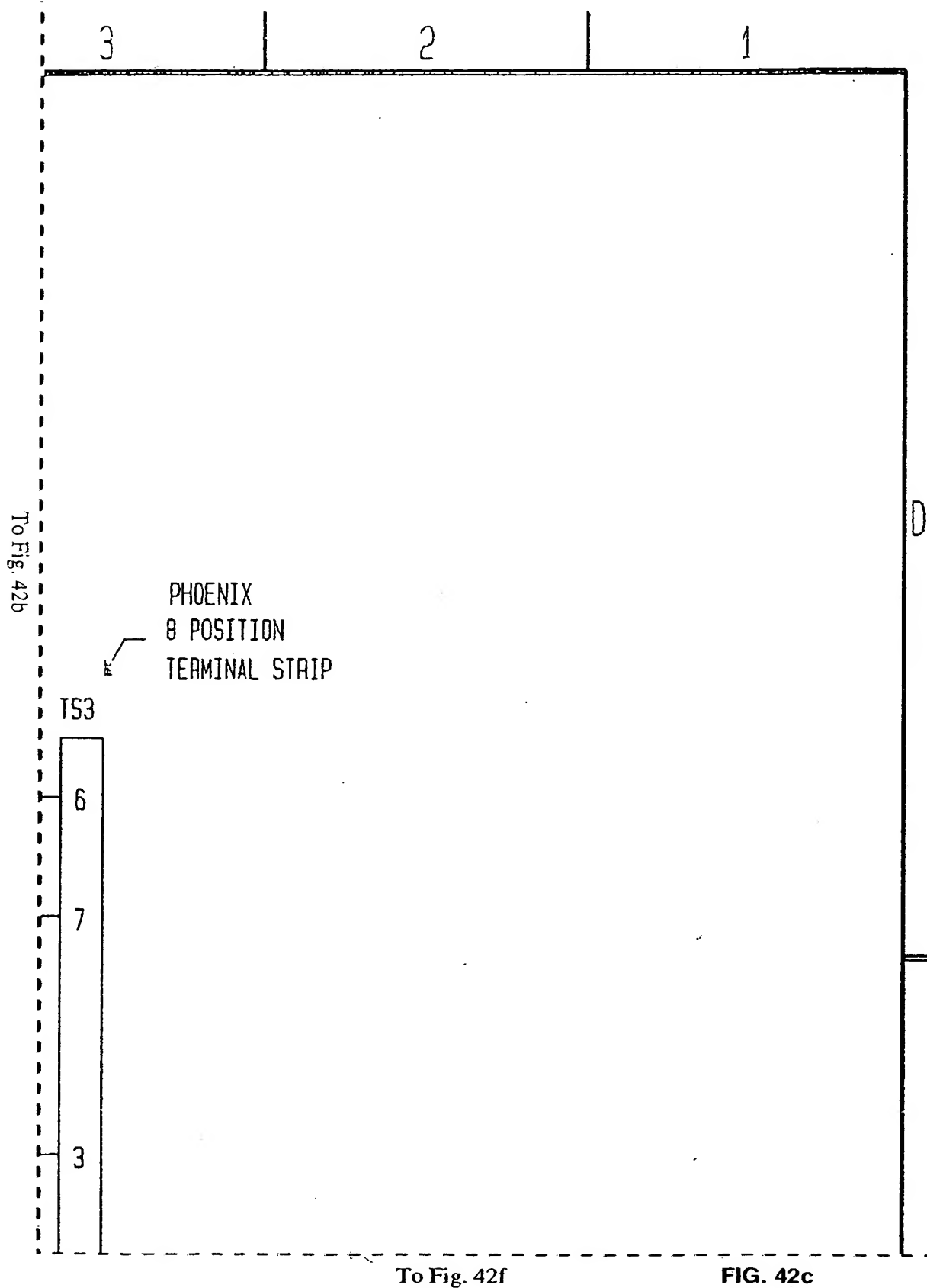
163 08 207



164 08207

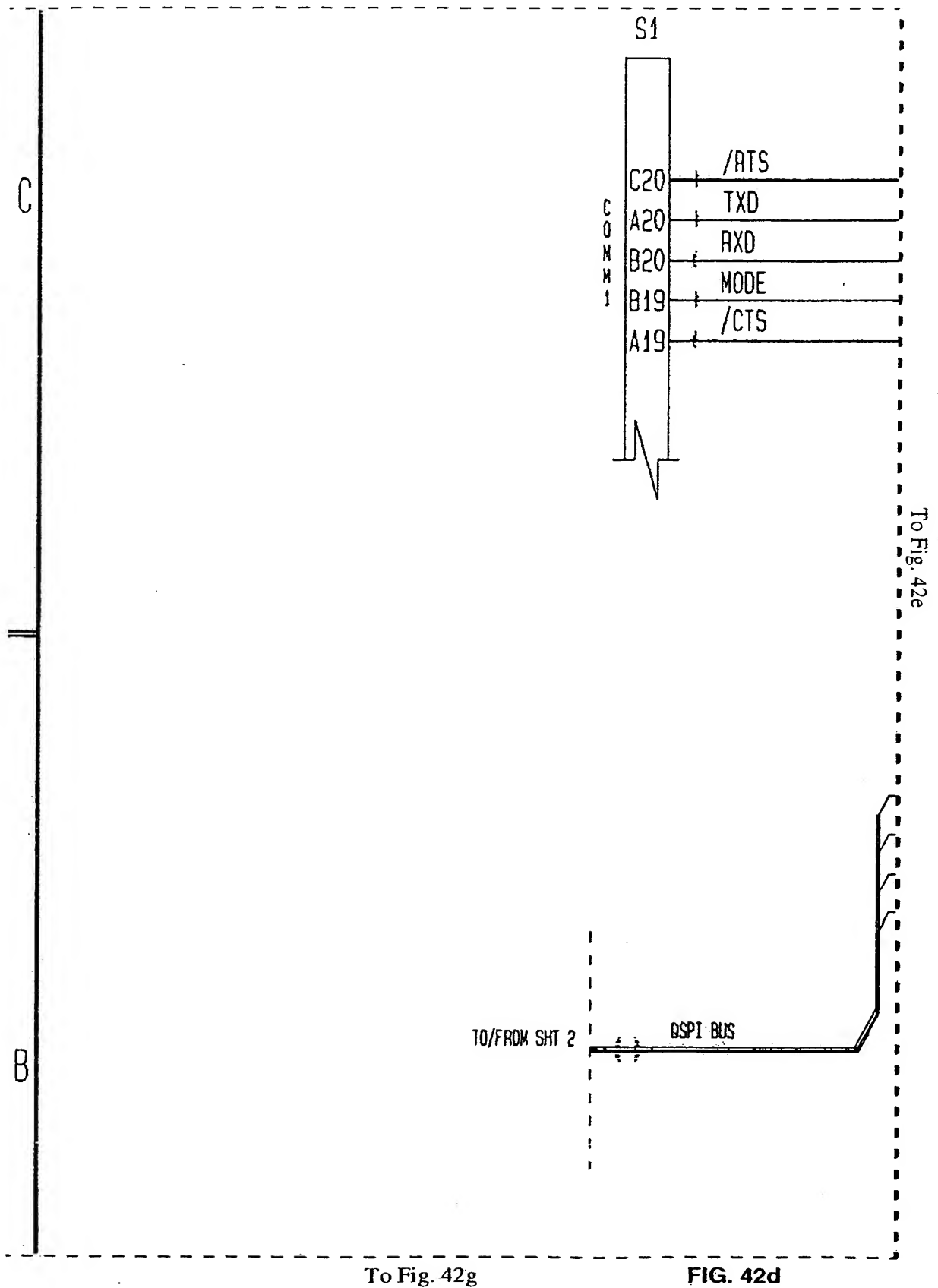


165 17 207



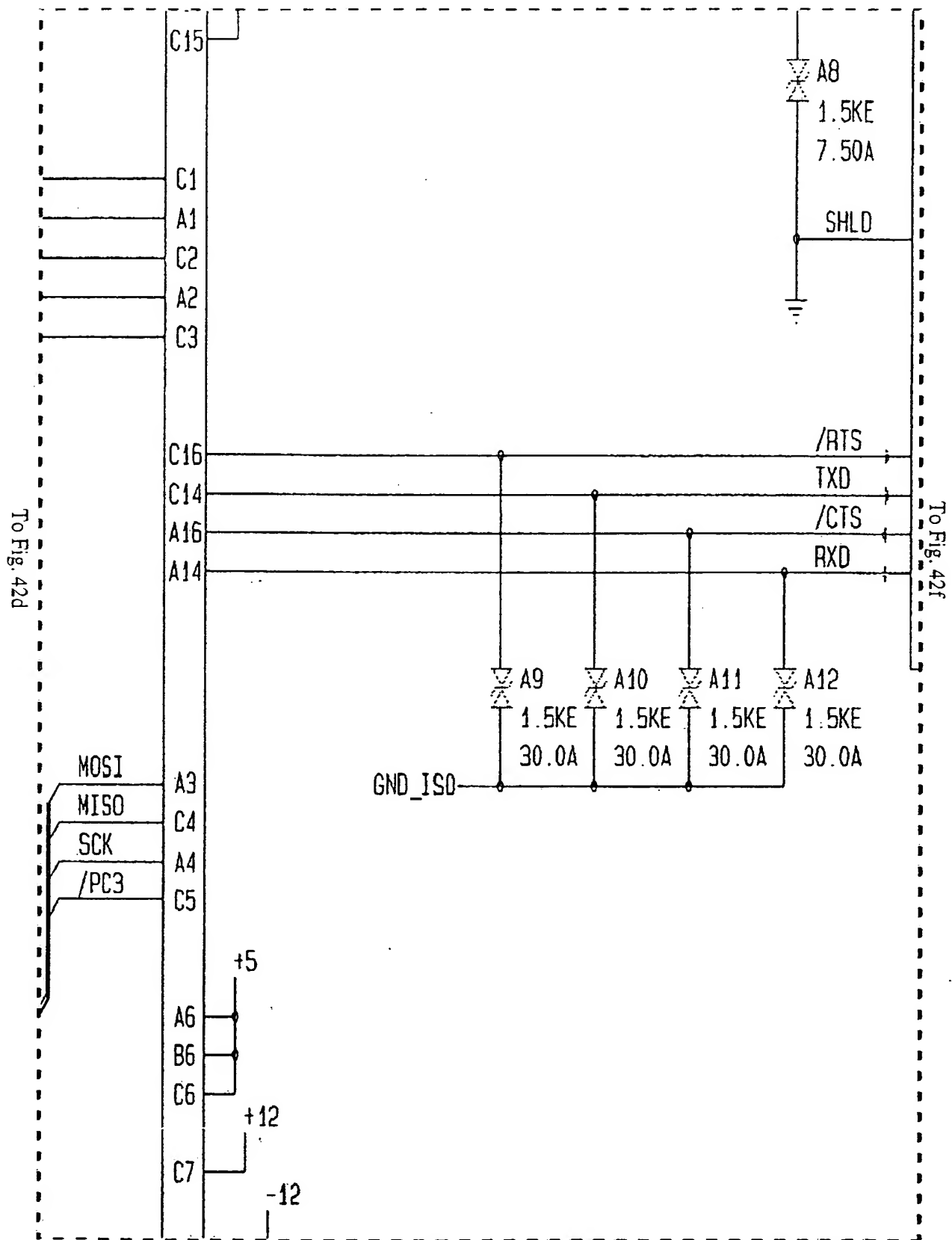
166 98 207

To Fig. 42a



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To Fig. 42b



To Fig. 42h

FIG. 42e

168 08 207

To Fig. 42c

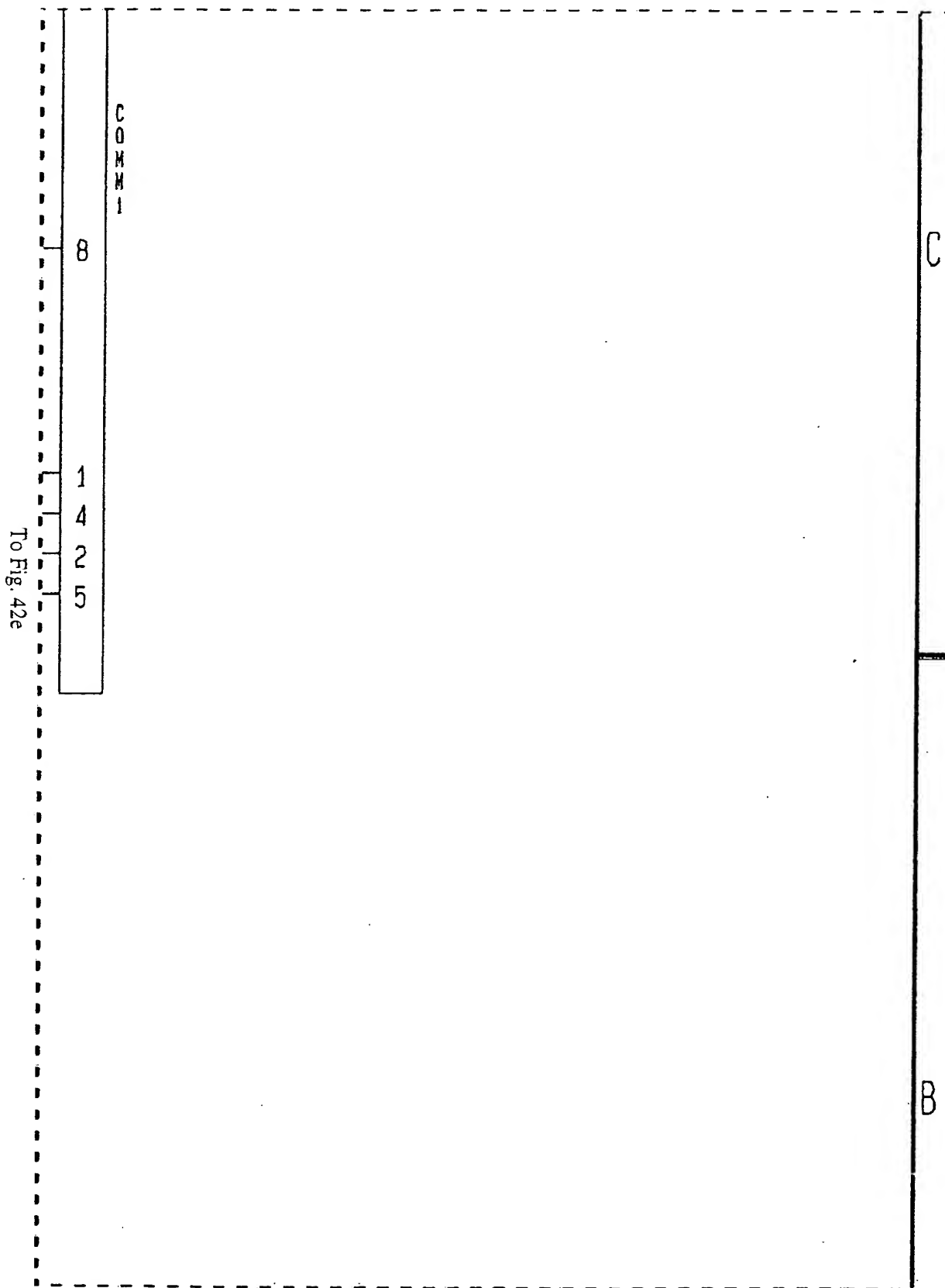
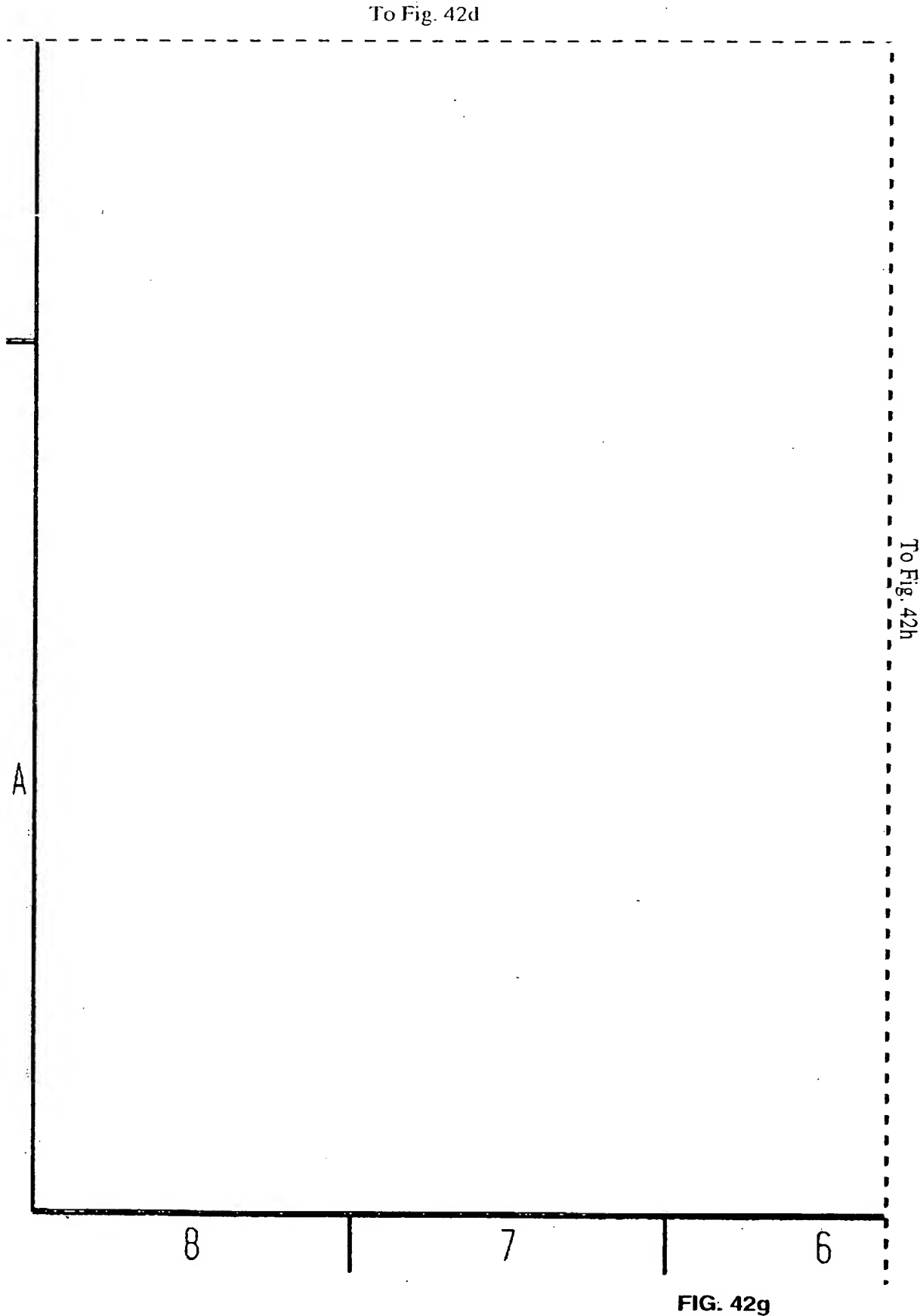


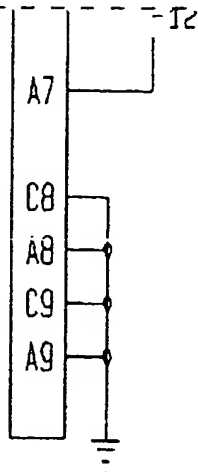
FIG. 42f

169 08 207



170 88 307

To Fig. 42e



To Fig. 42g

To Fig. 42i

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FIG. 42h

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To Fig. 42f

To Fig. 42h

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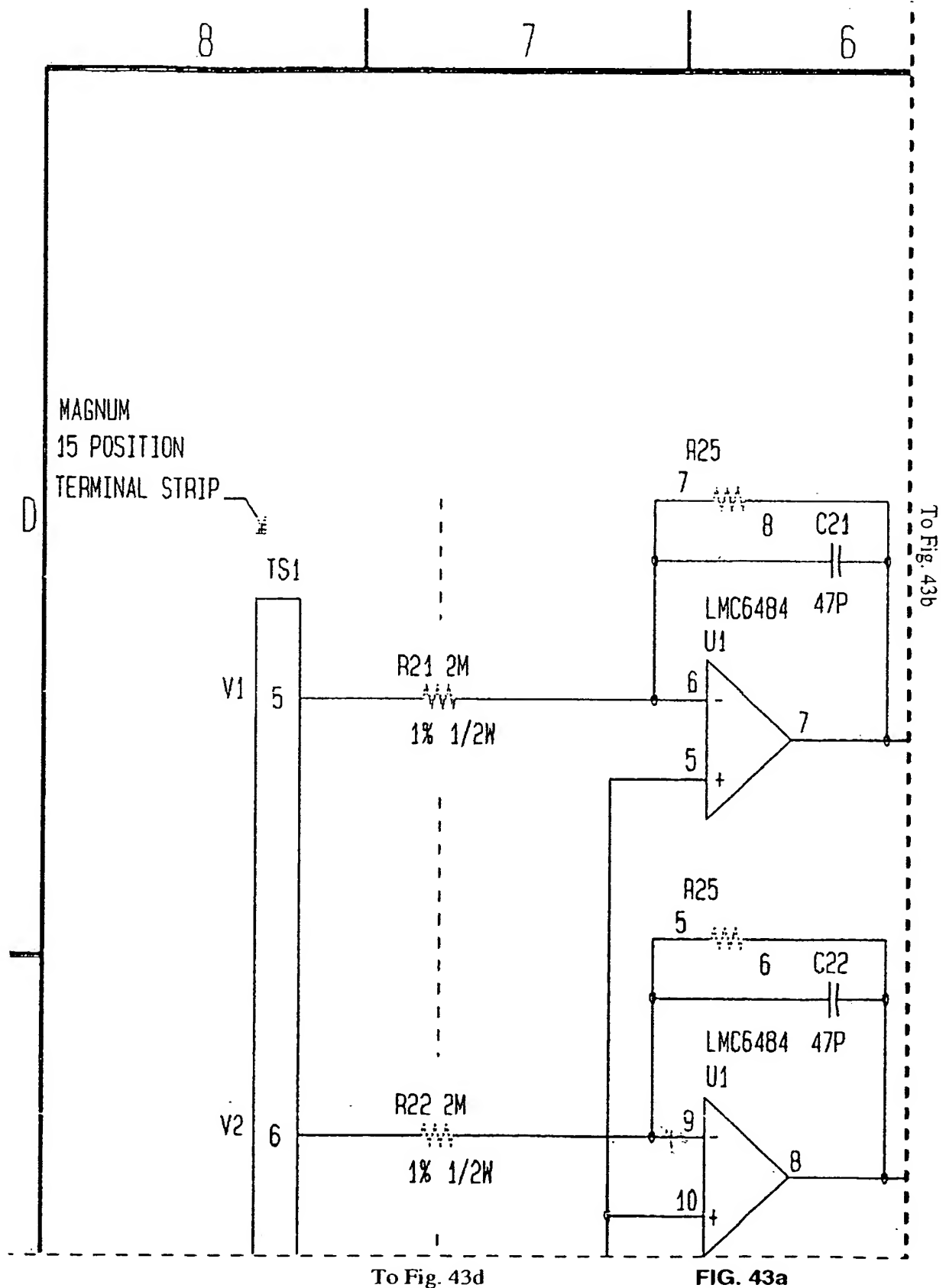
3

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FIG. 42i

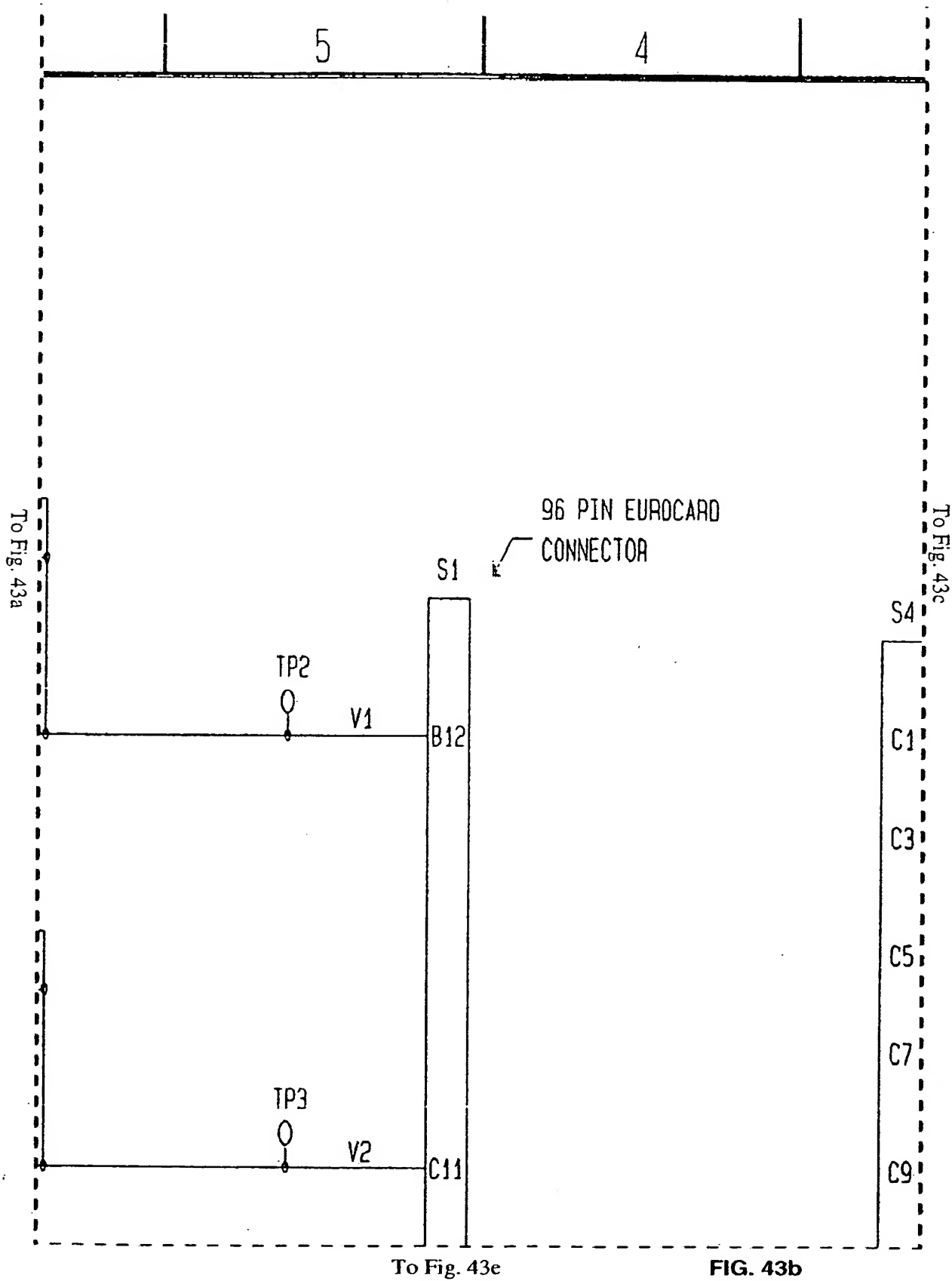
172 09 207



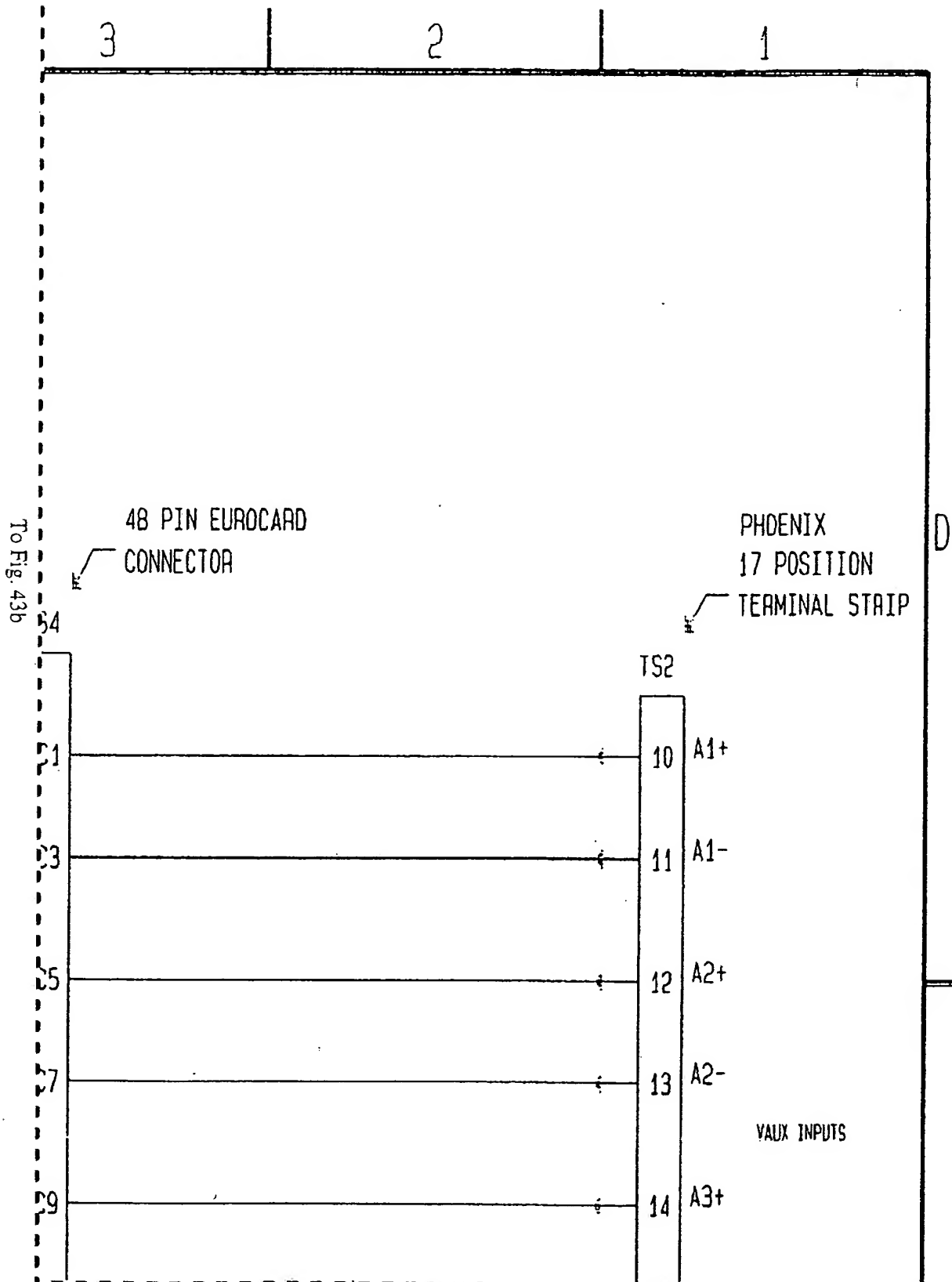
To Fig. 43d

FIG. 43a

173 88 207



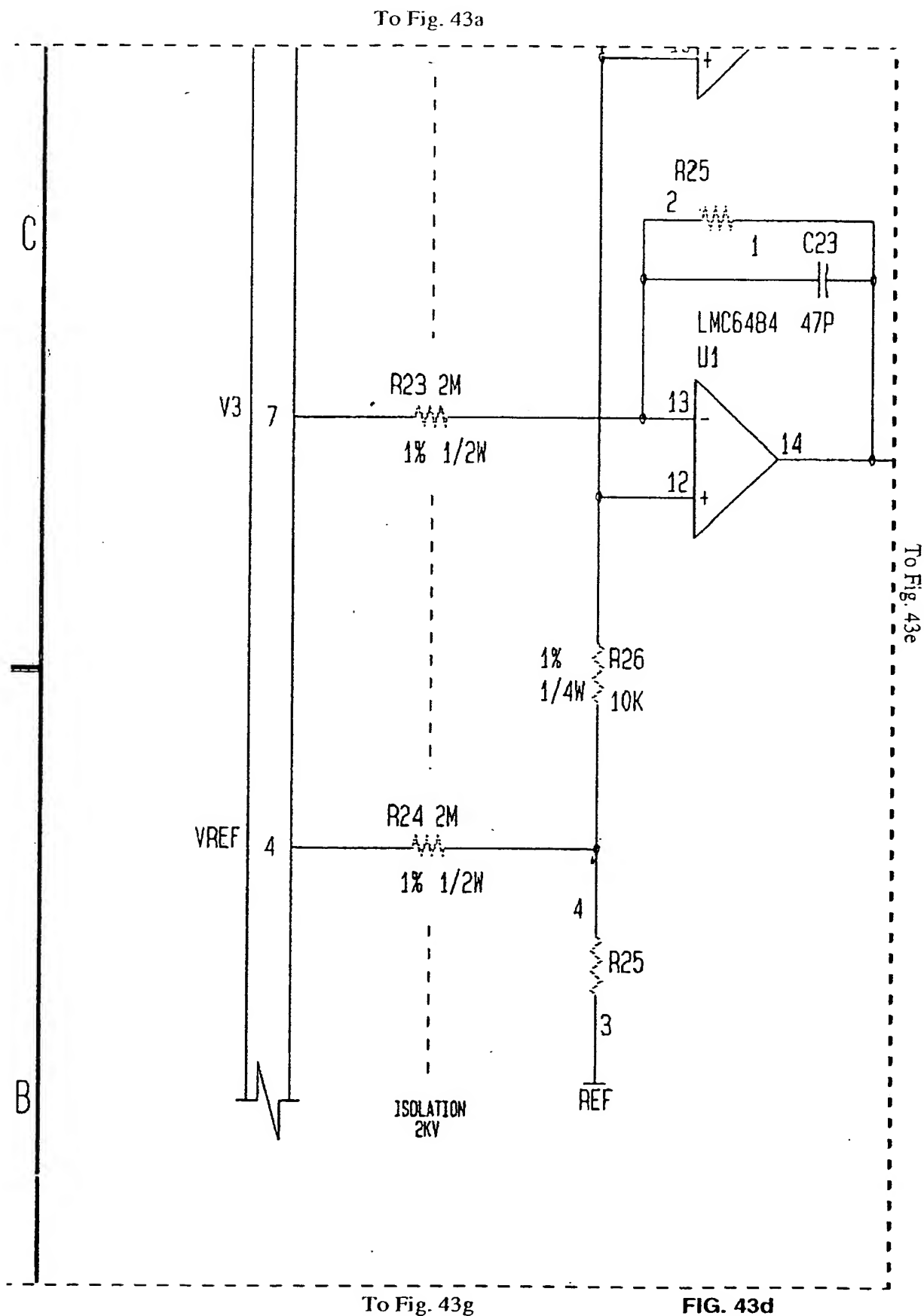
174 06 207



To Fig. 43f

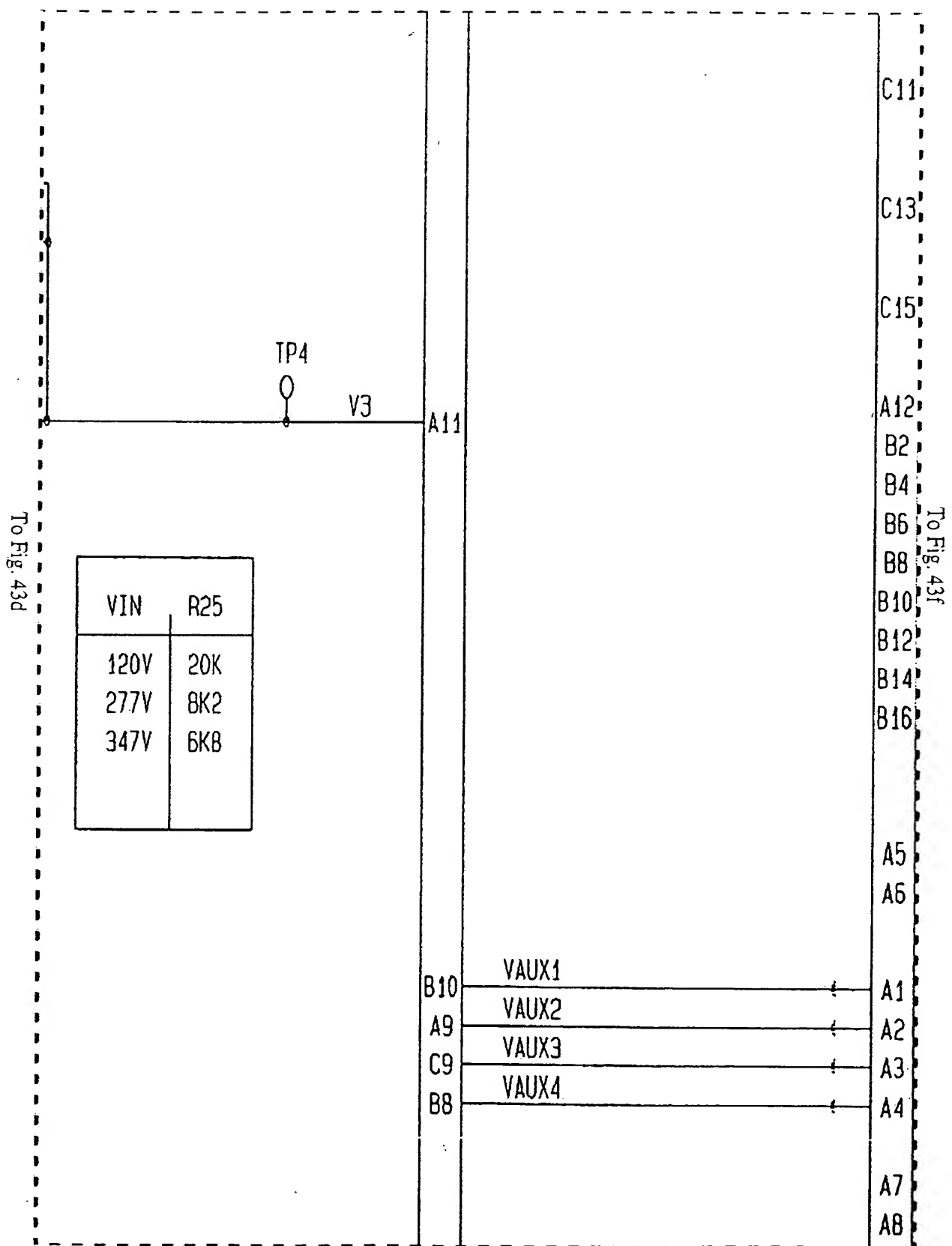
FIG. 43c

175 08 207



176 08 207

To Fig. 43b



To Fig. 43h

FIG. 43e

To Fig. 43i



To Fig. 43d

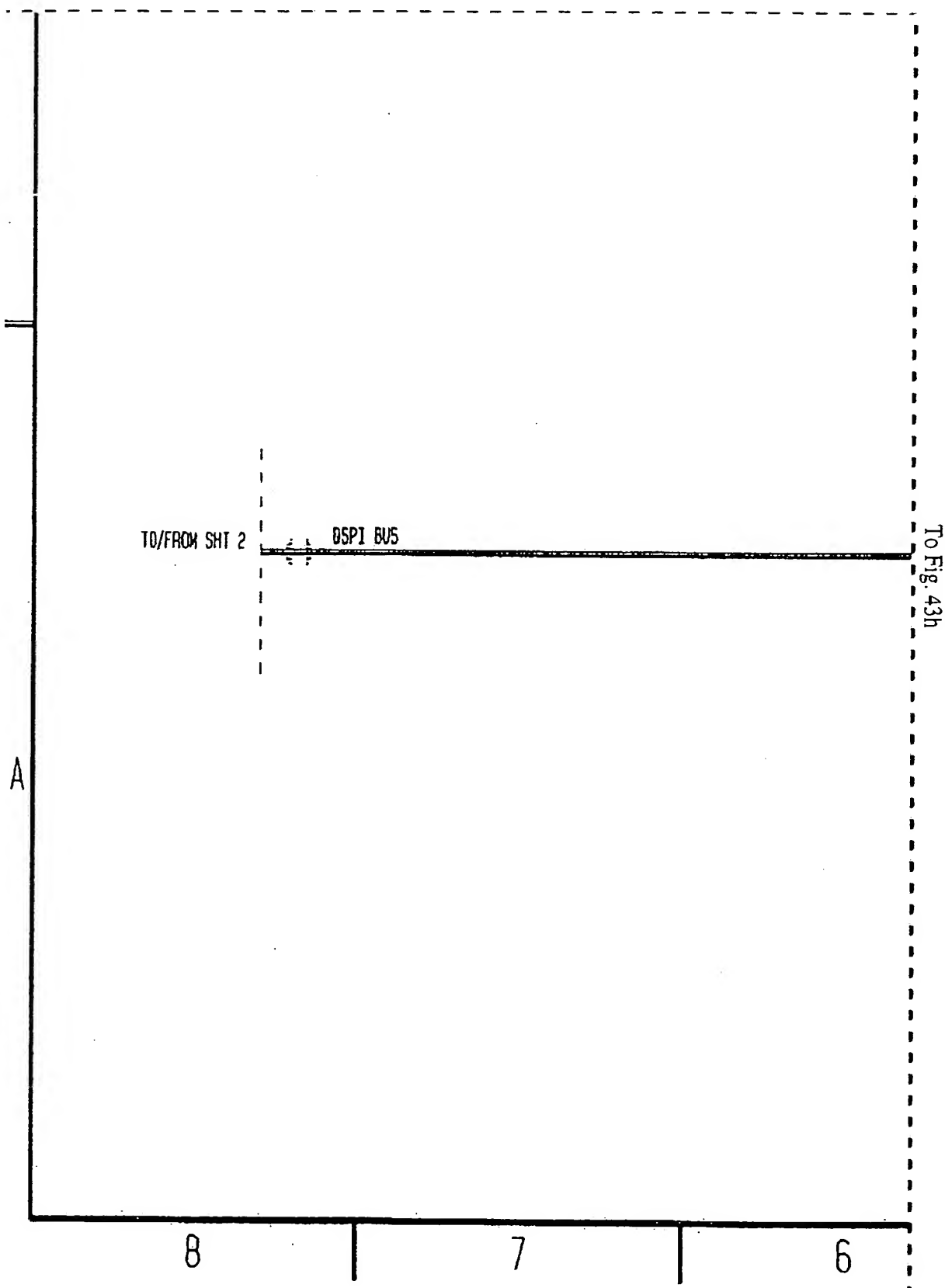


FIG. 43g

179 08 207

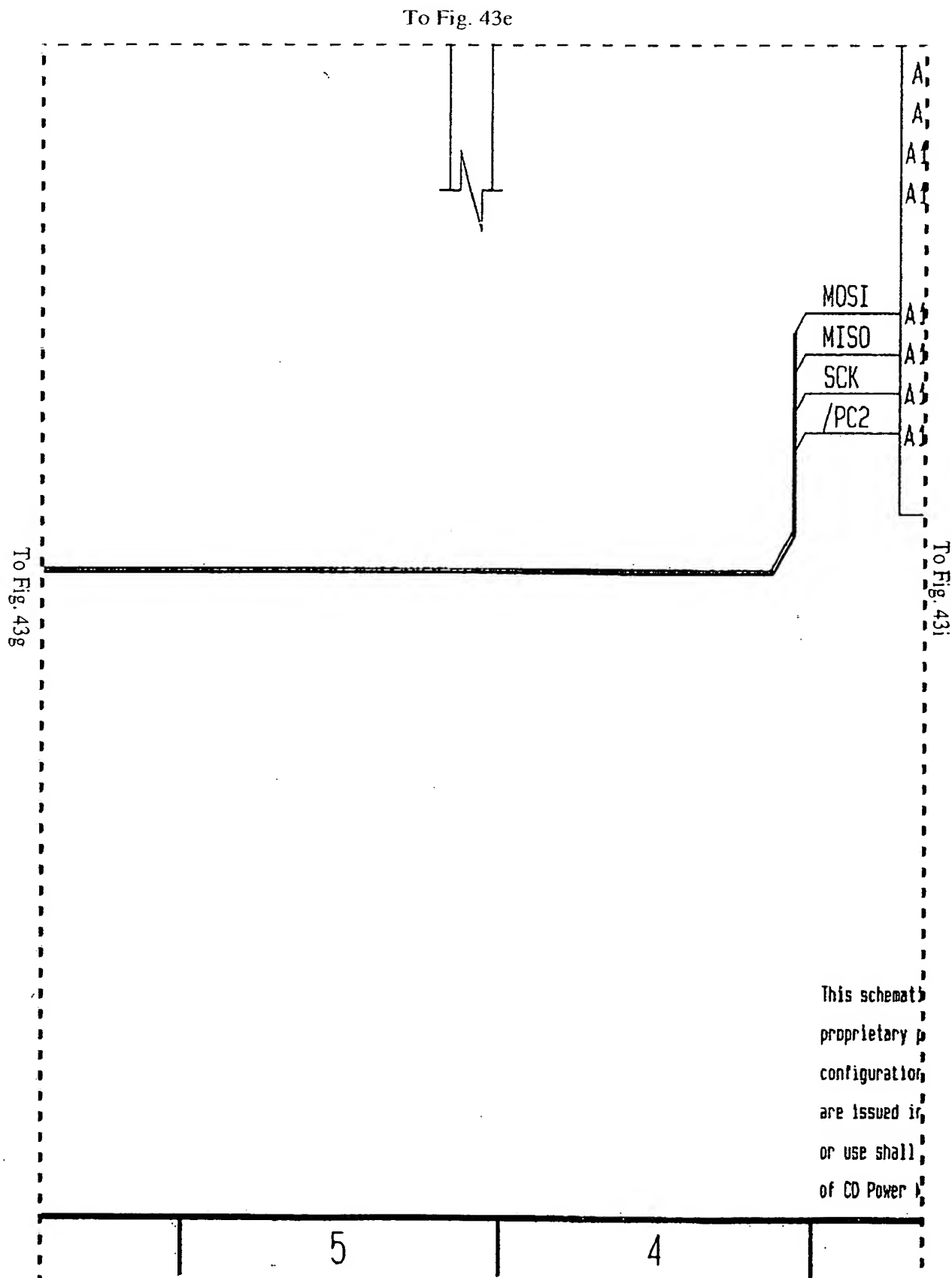


FIG. 43h

180 08 207

To Fig. 43f

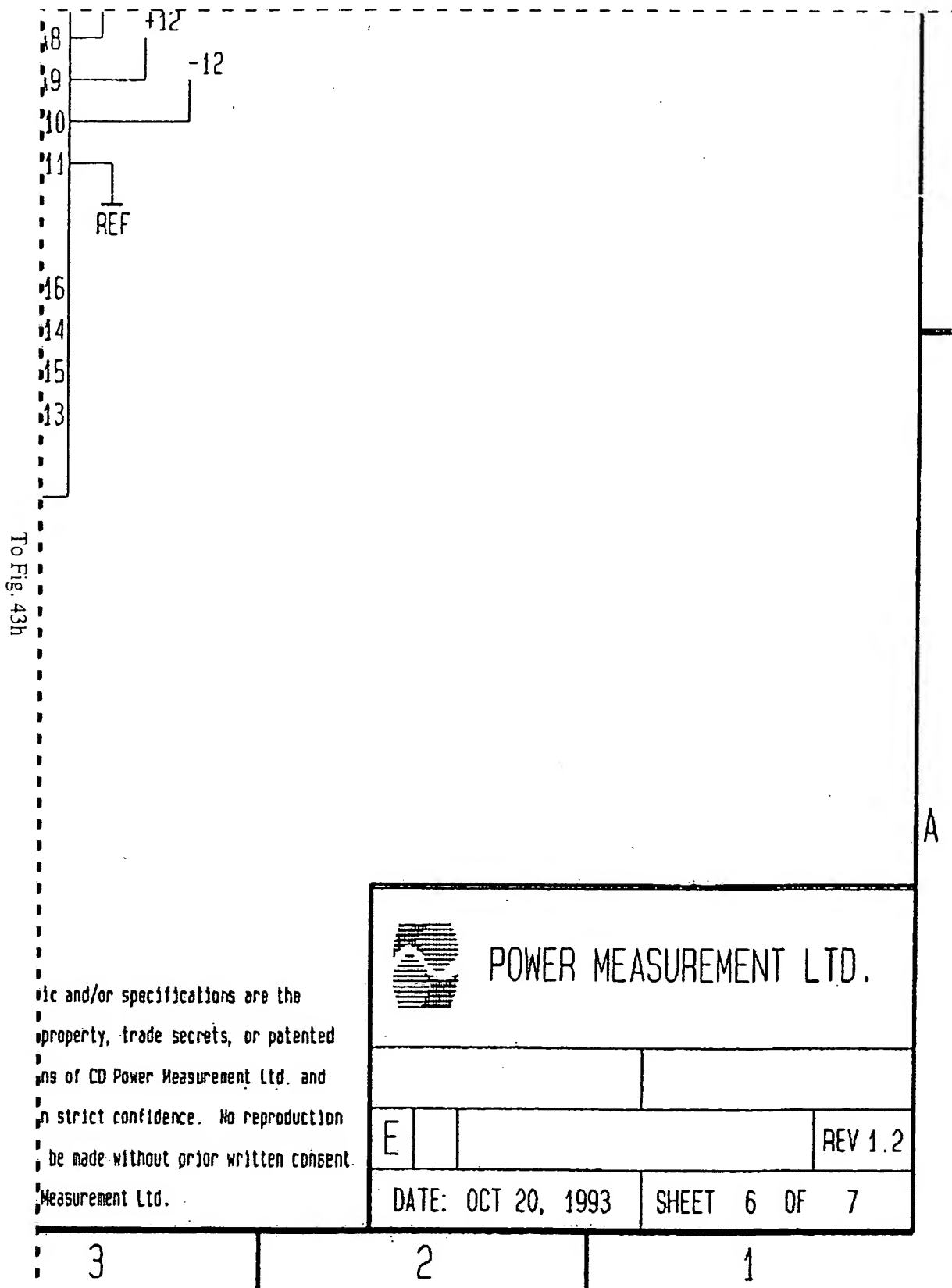
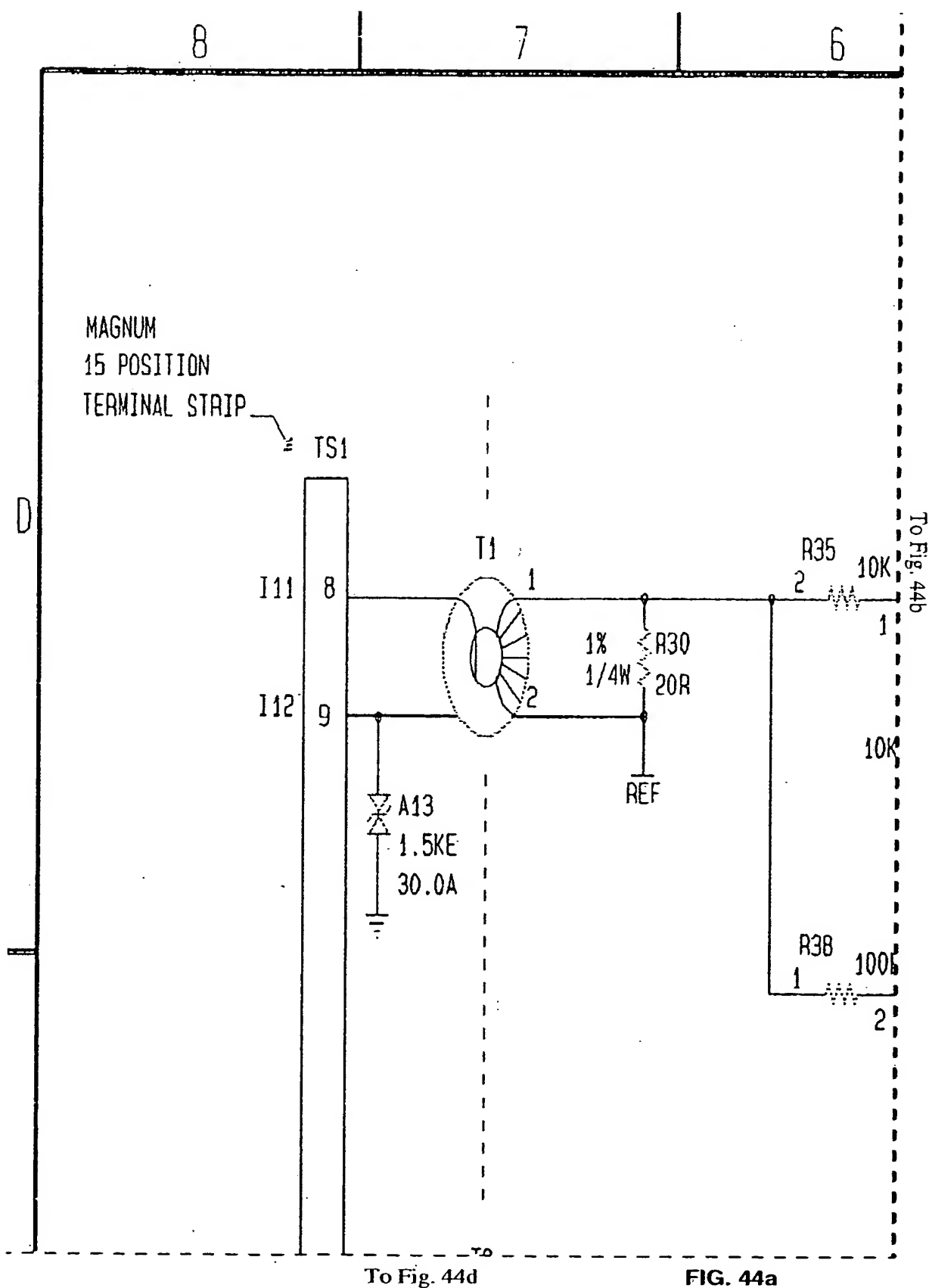
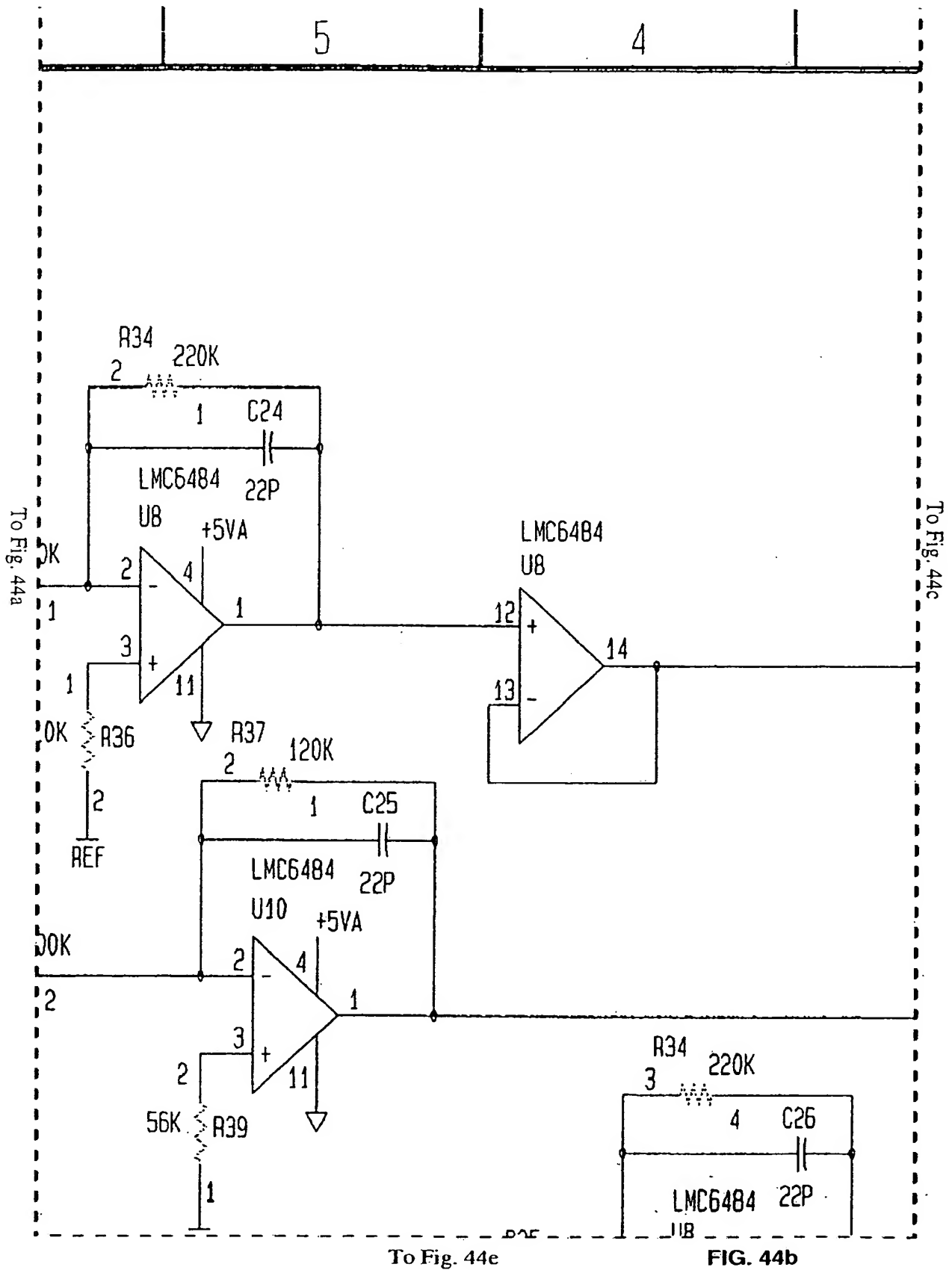


FIG. 43i

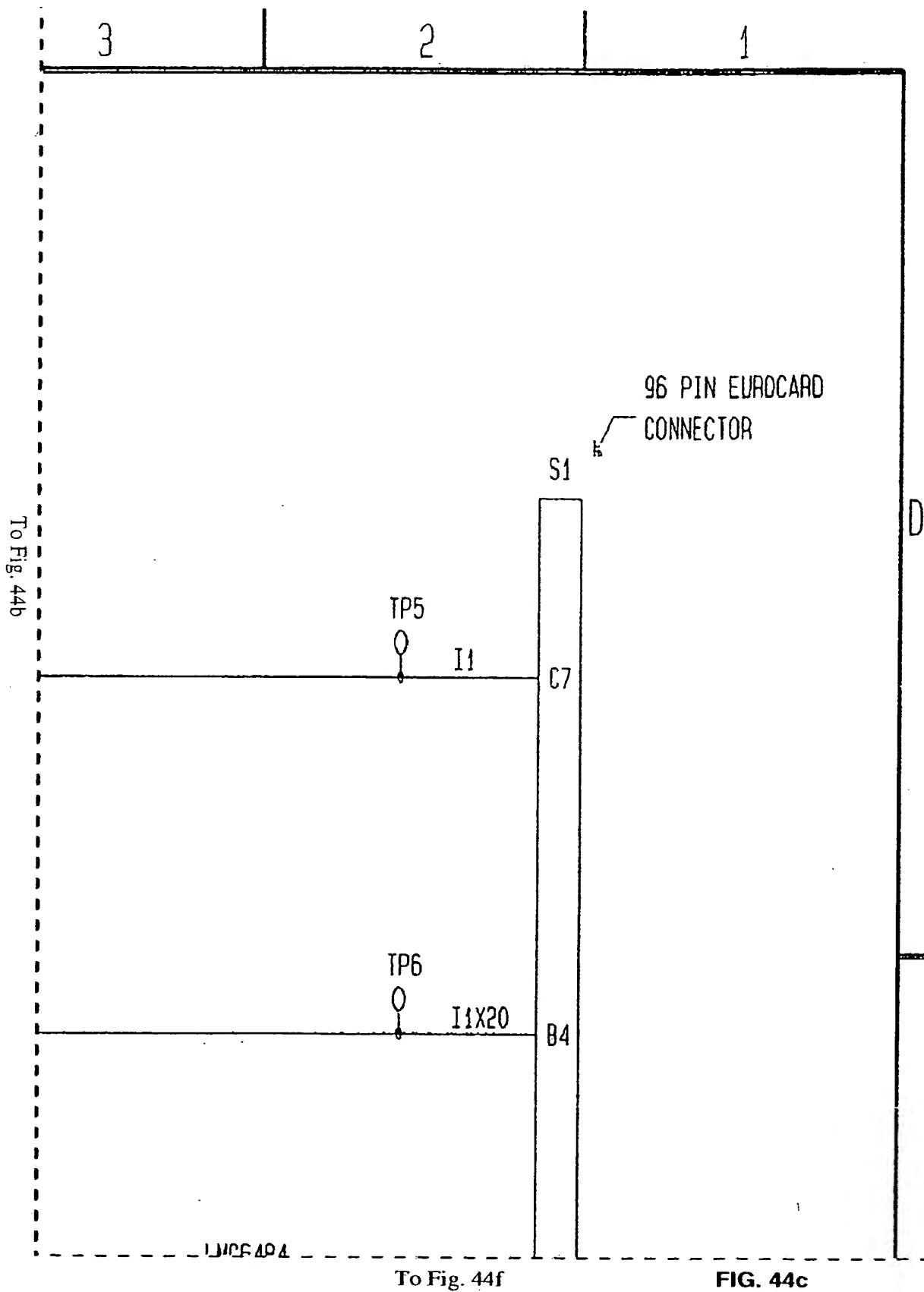
181 08207



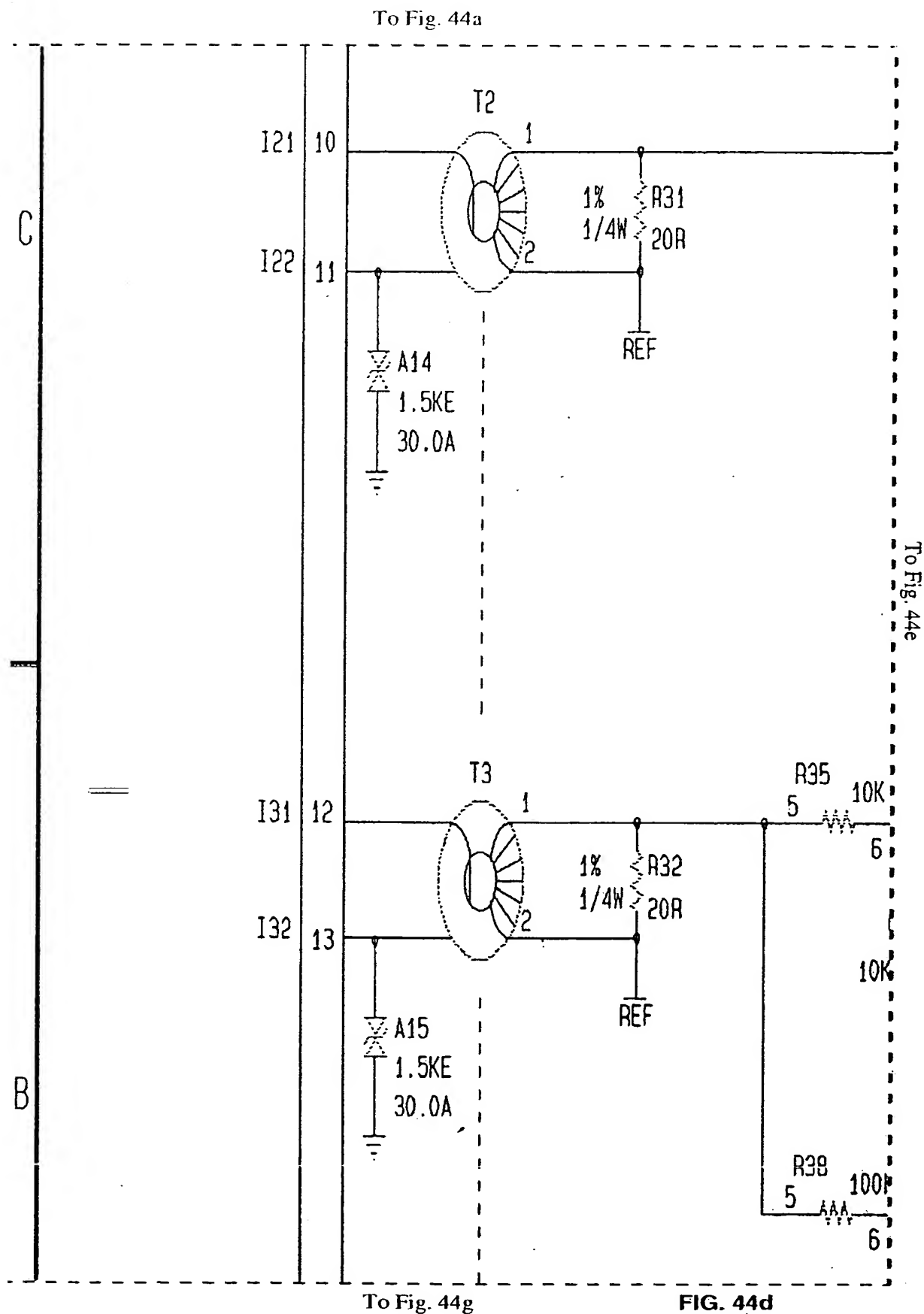
182 06207



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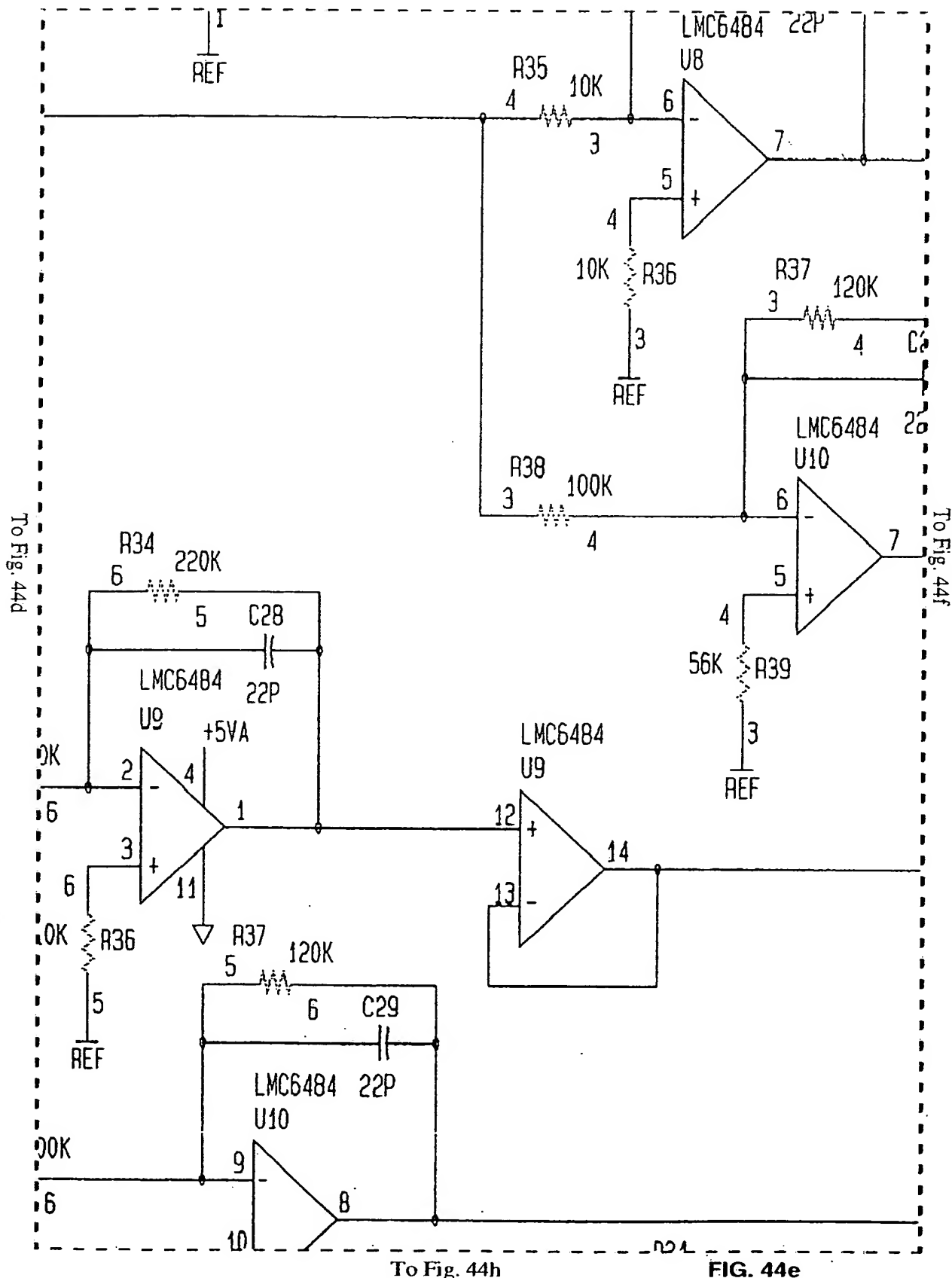


184 08 207



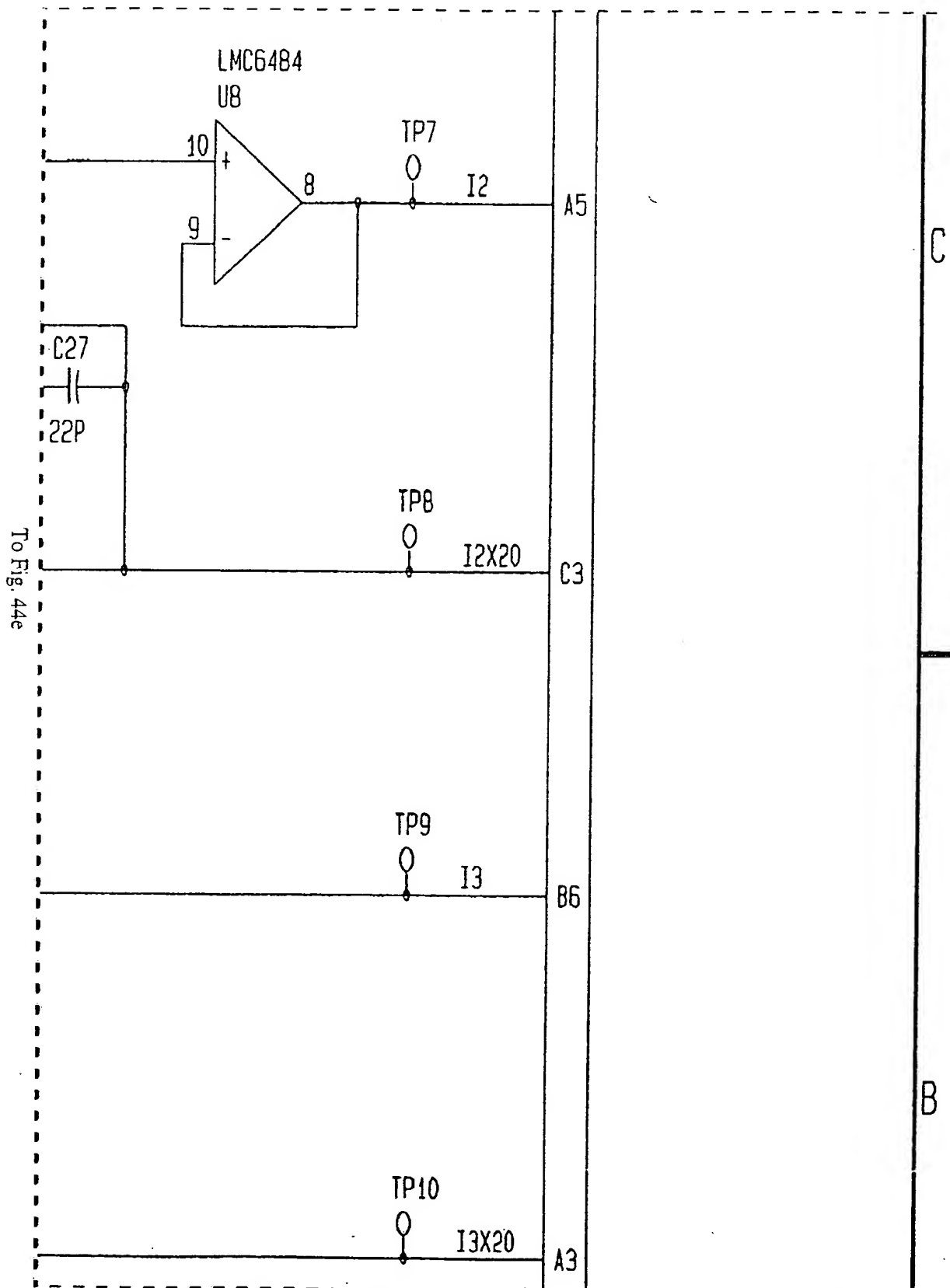
185 08 207

To Fig. 44b



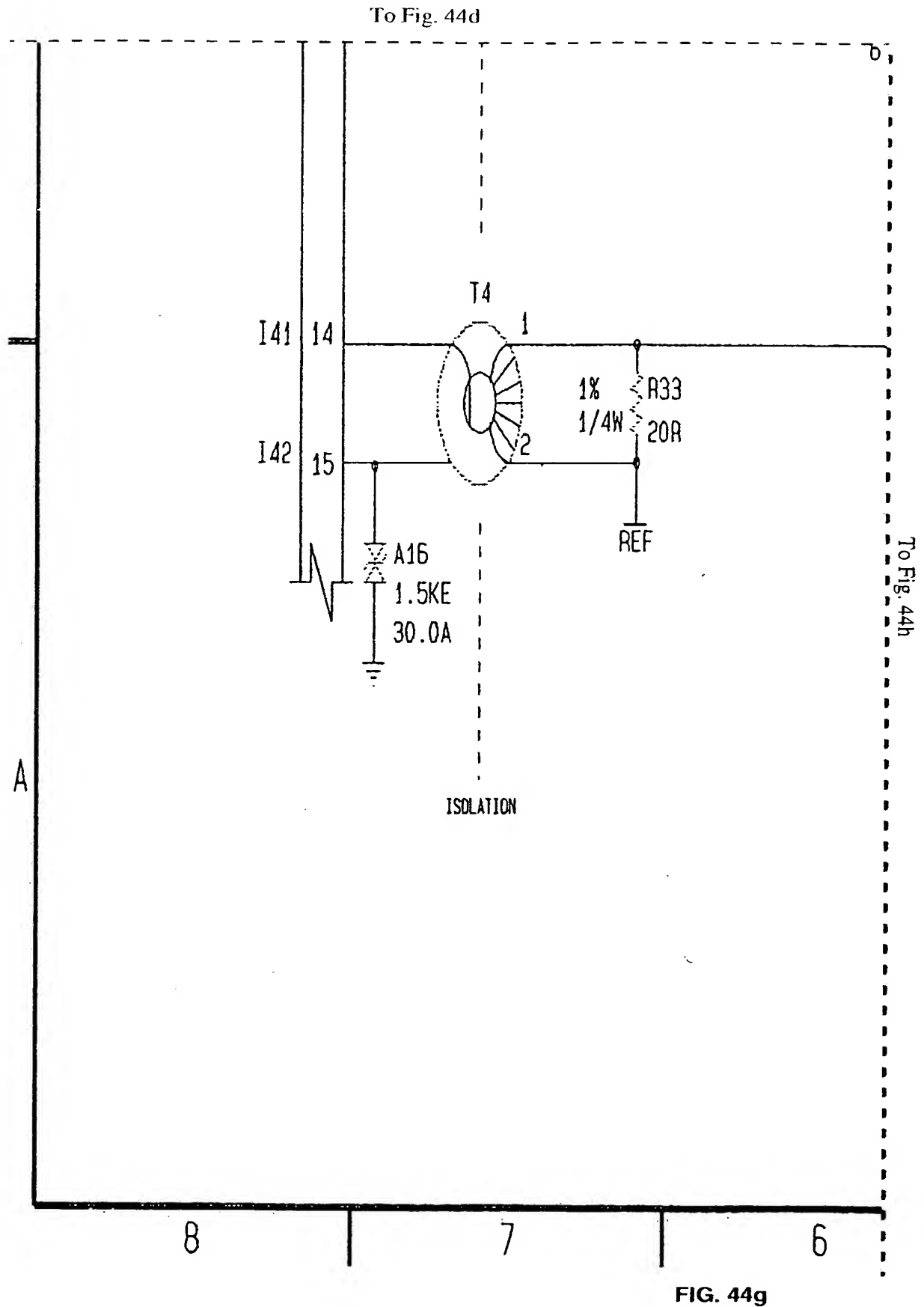
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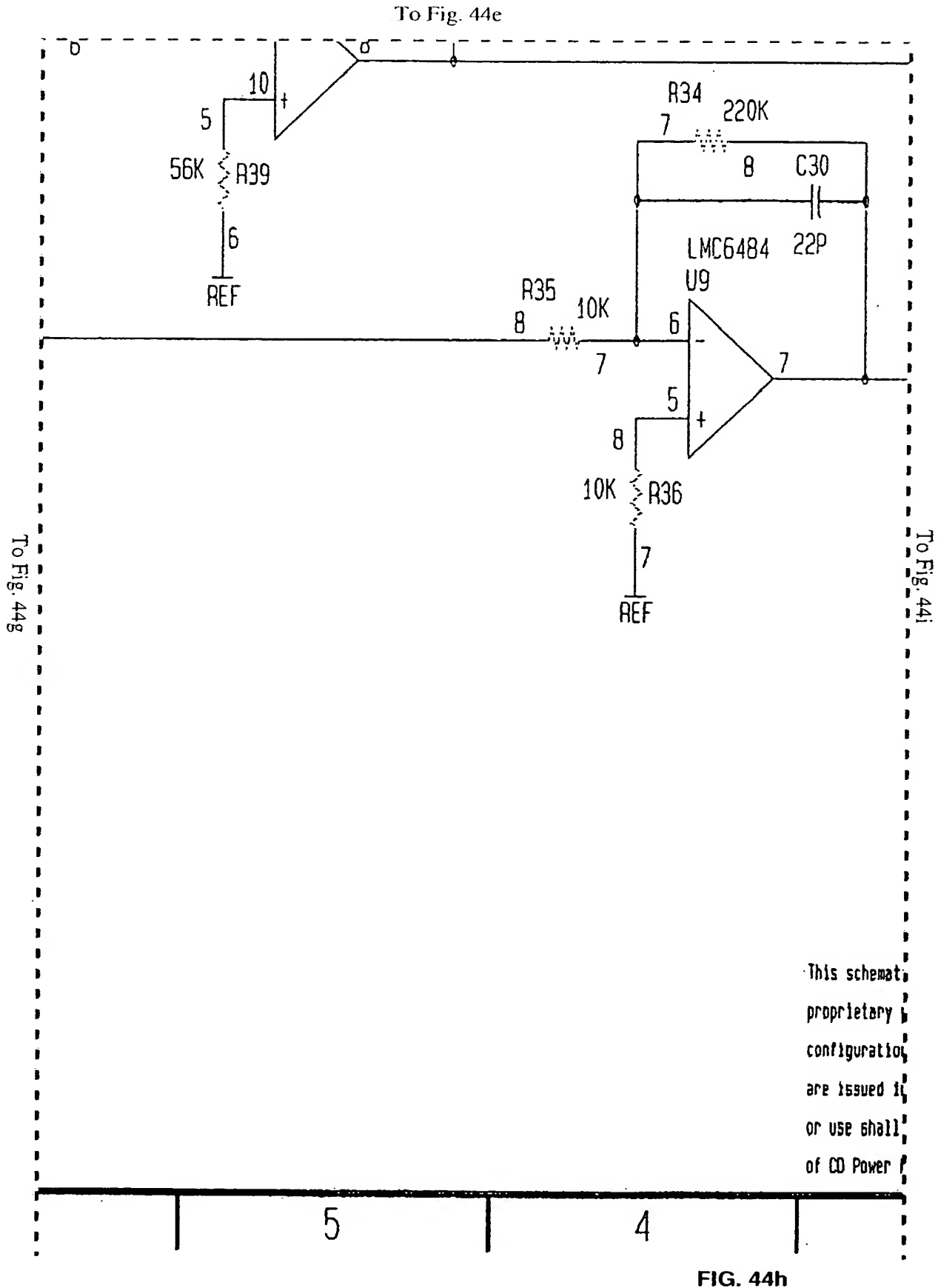
To Fig. 44c



To Fig. 44i

FIG. 44f

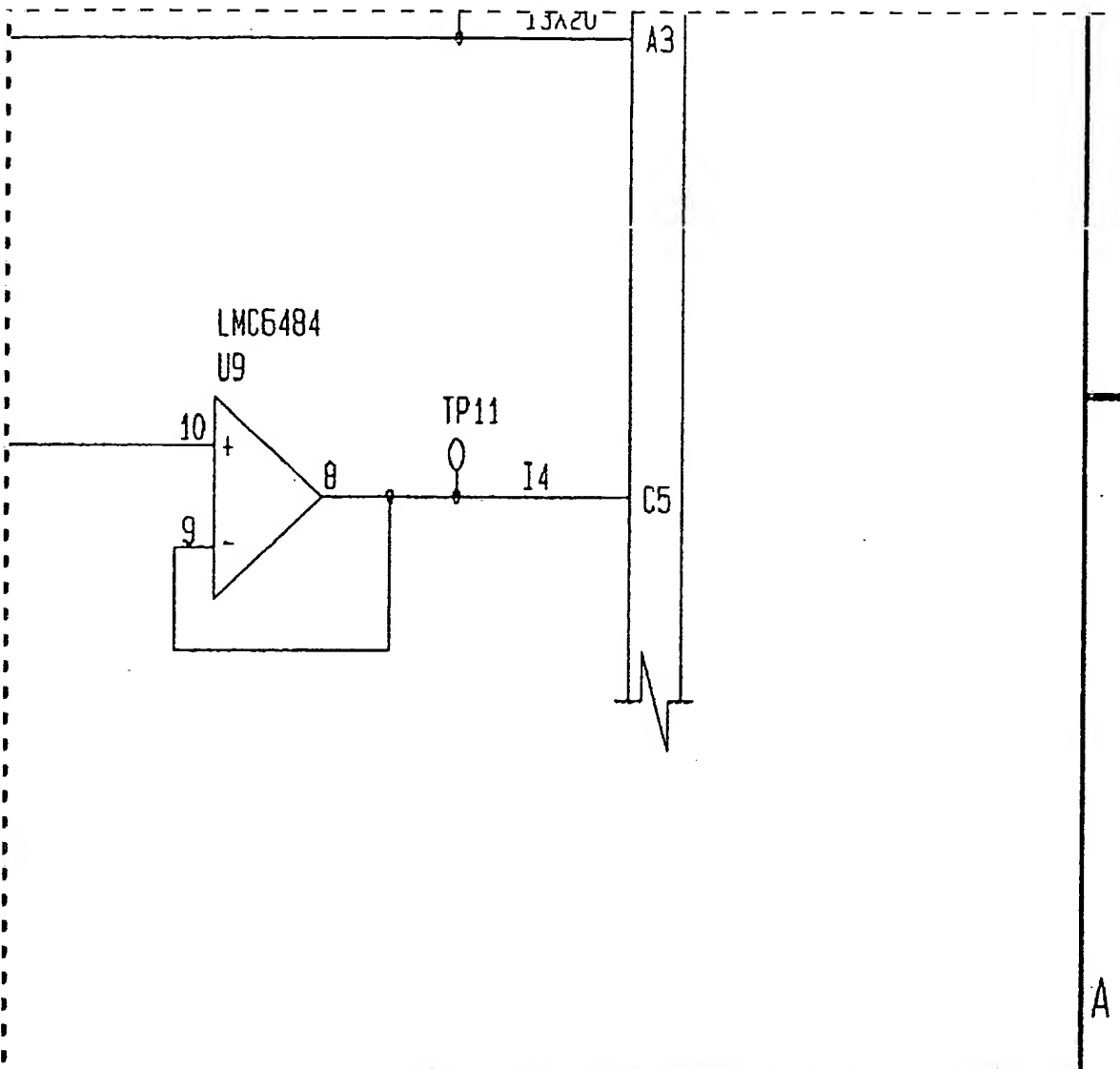




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To Fig. 44f



To Fig. 44h

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FIG. 44i

190 67 207

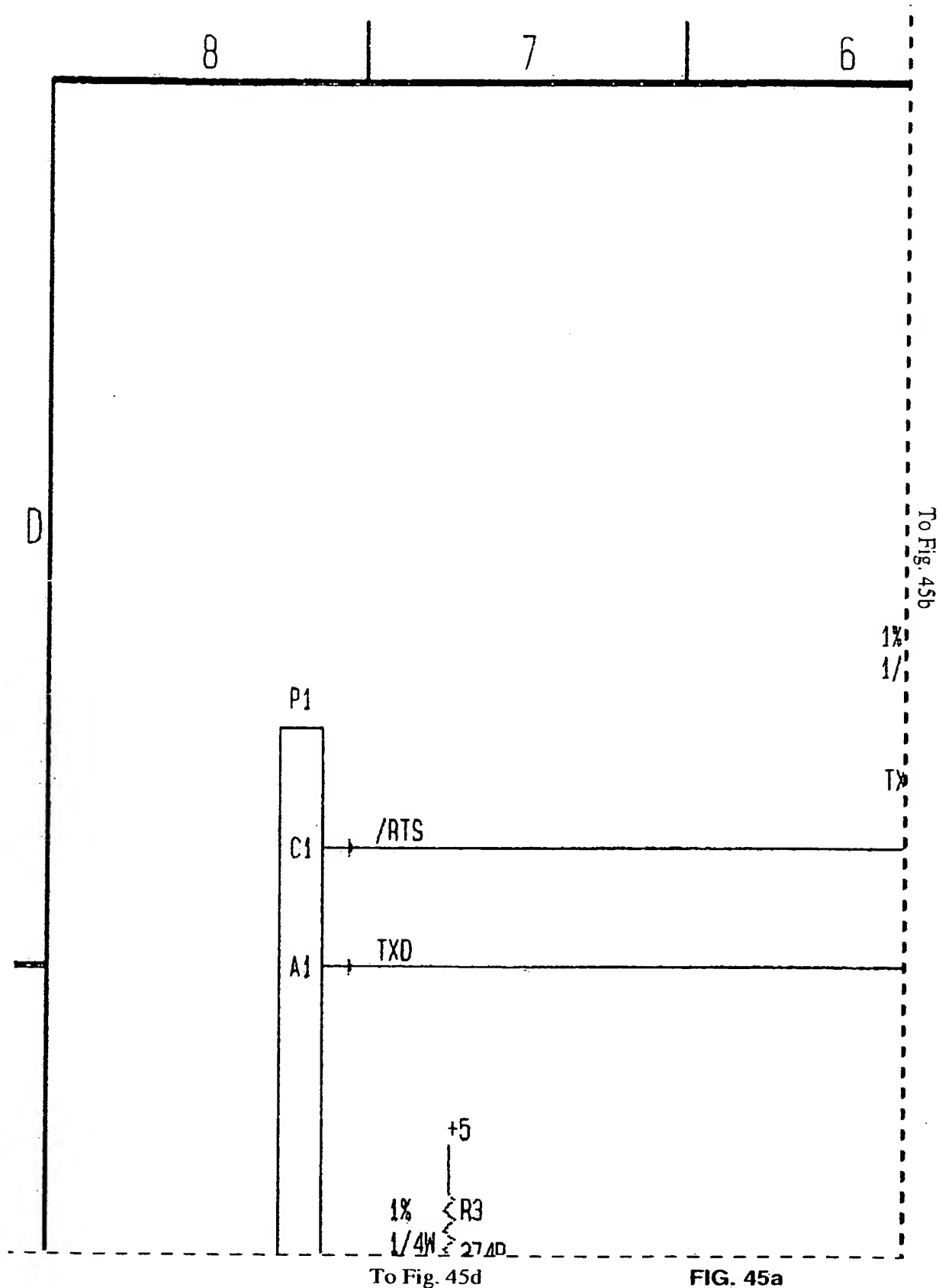
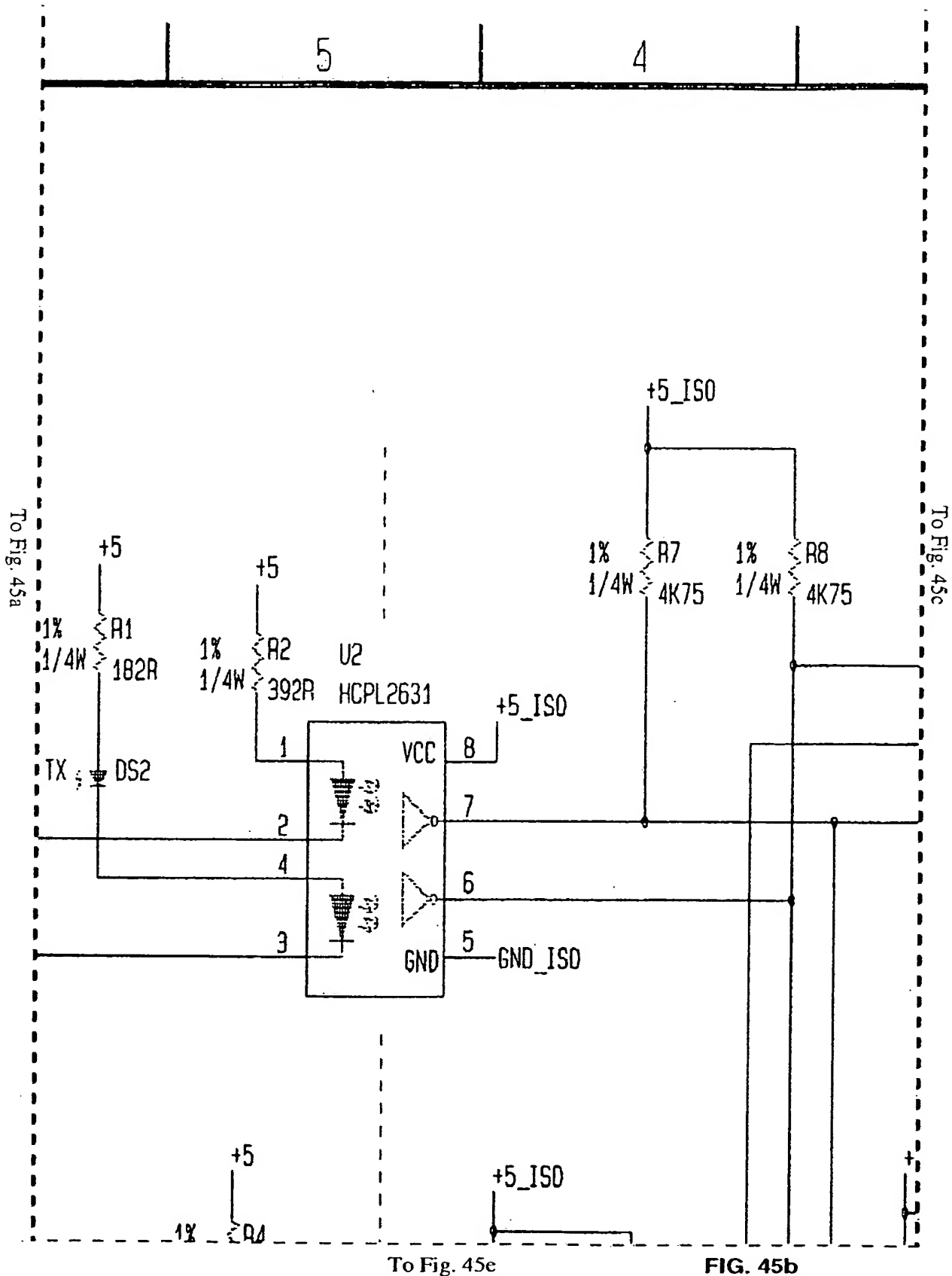
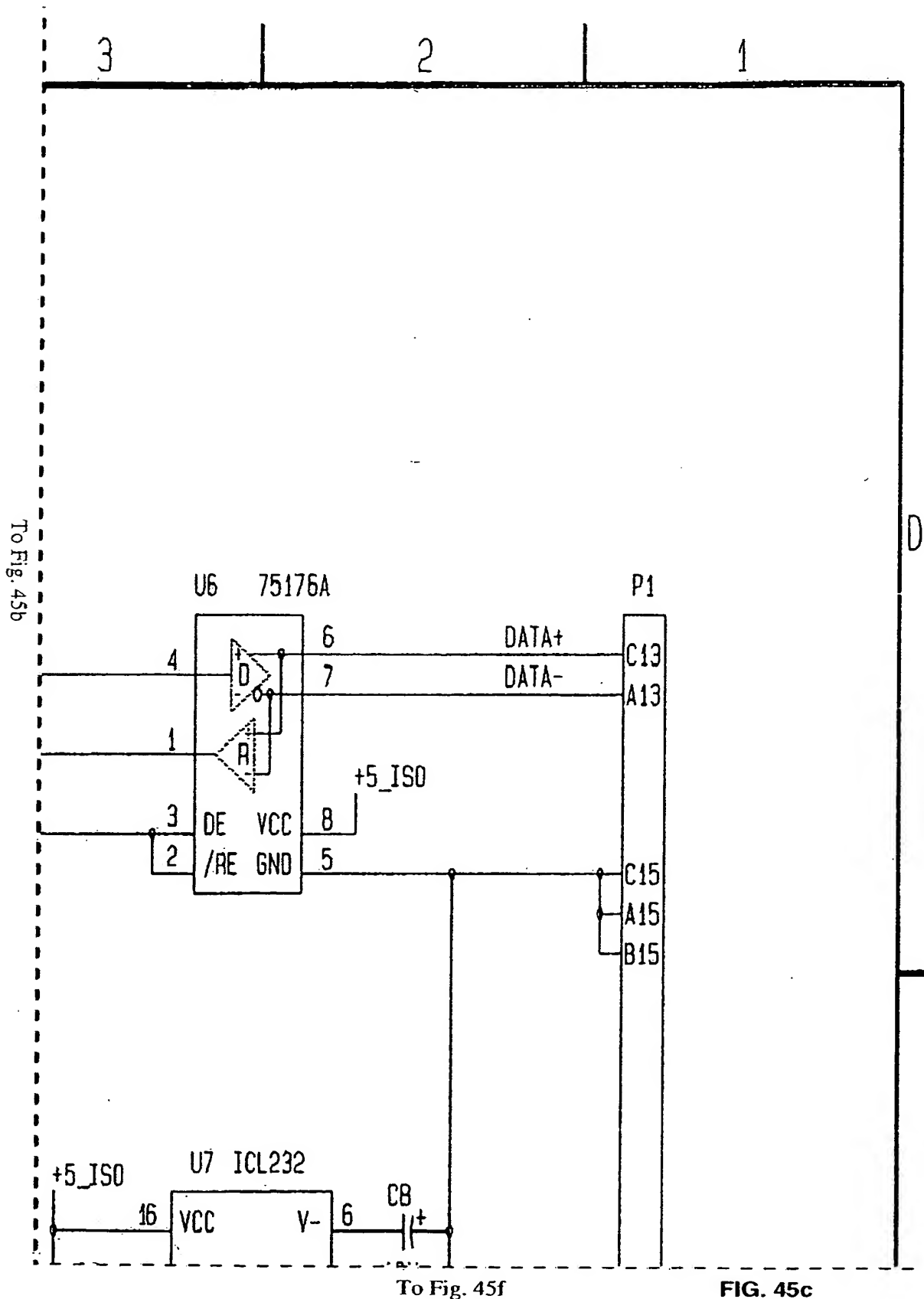


FIG. 45a



To Fig. 45e

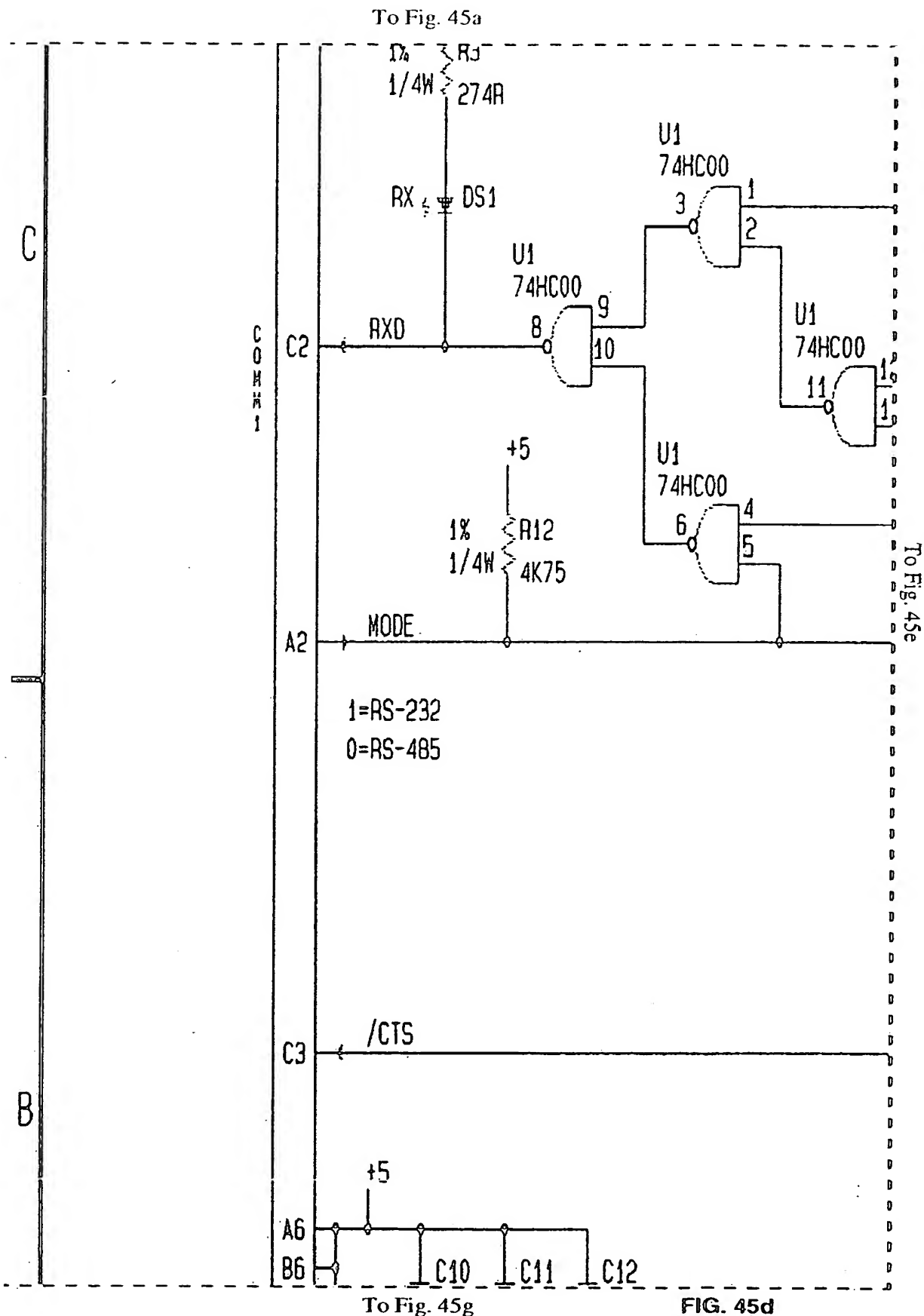
FIG. 45b



To Fig. 45f

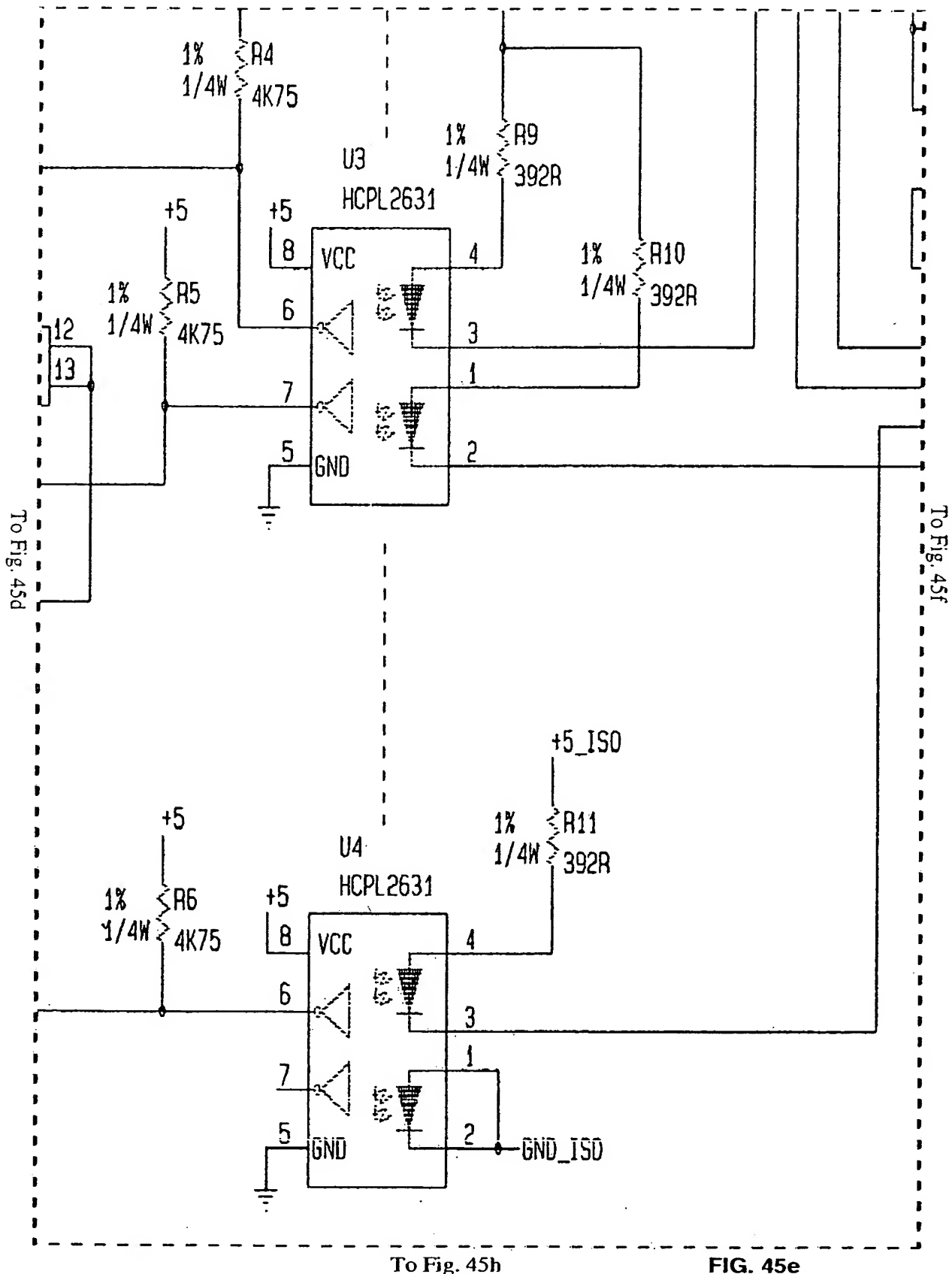
FIG. 45c

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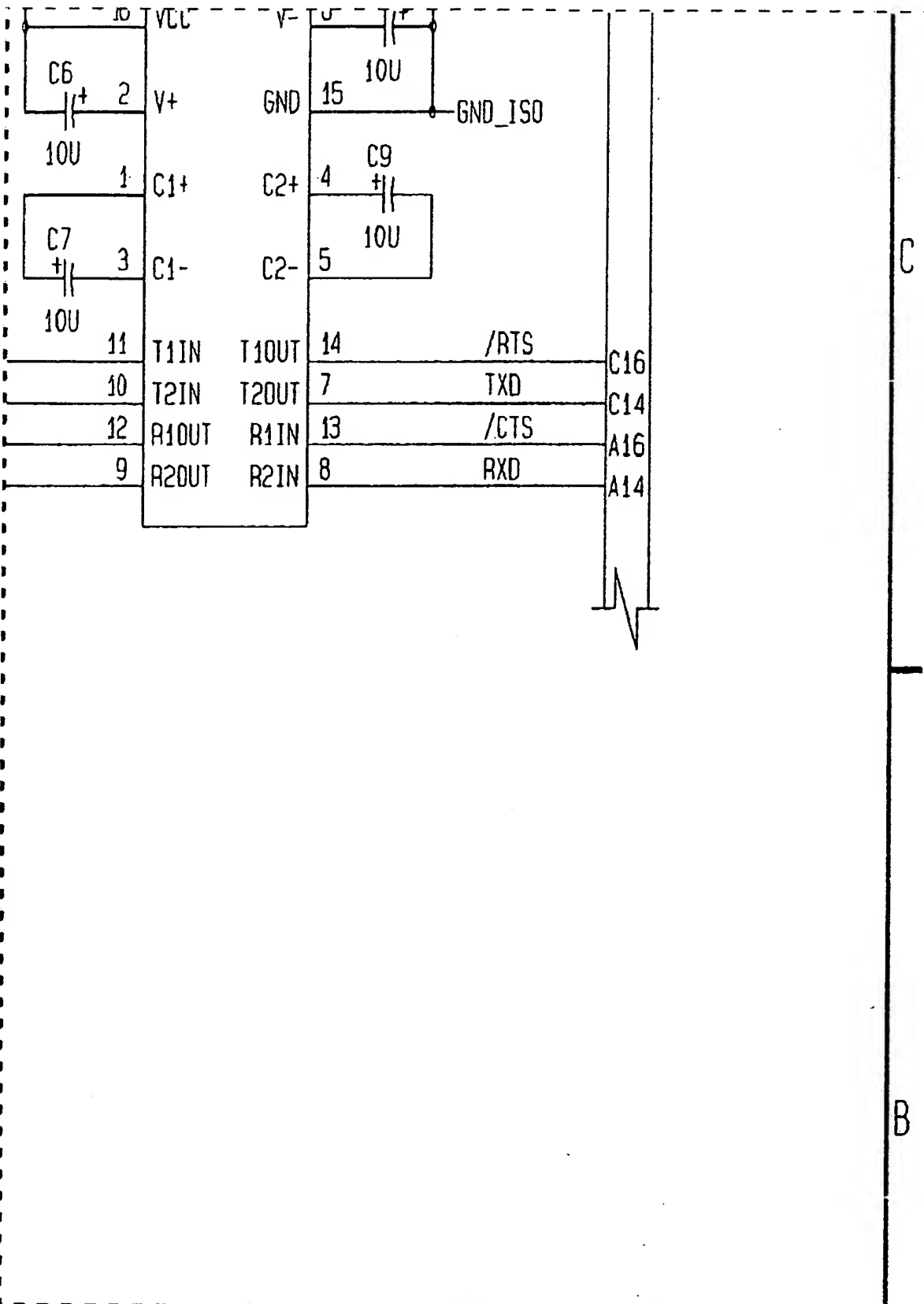
194 56 207

To Fig. 45b



To Fig. 45h

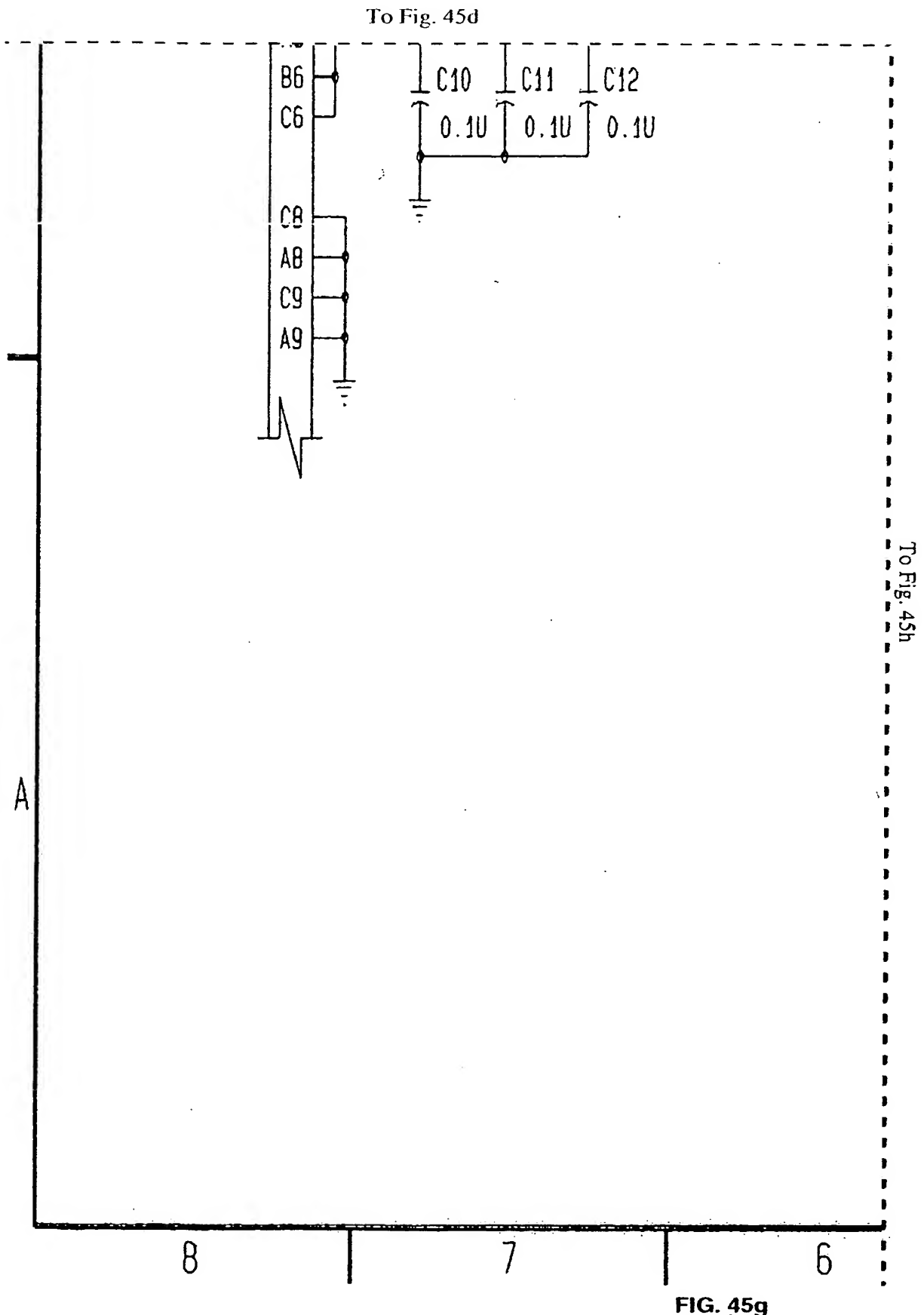
To Fig. 45c



To Fig. 45e

To Fig. 45i

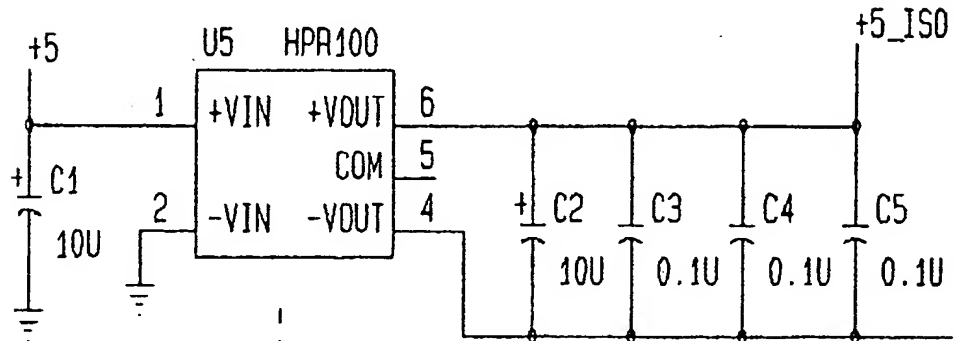
FIG. 45f



997 08 207

To Fig. 45e

To Fig. 45g



To Fig. 45i

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FIG. 45h

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To Fig. 45f

To Fig. 45h

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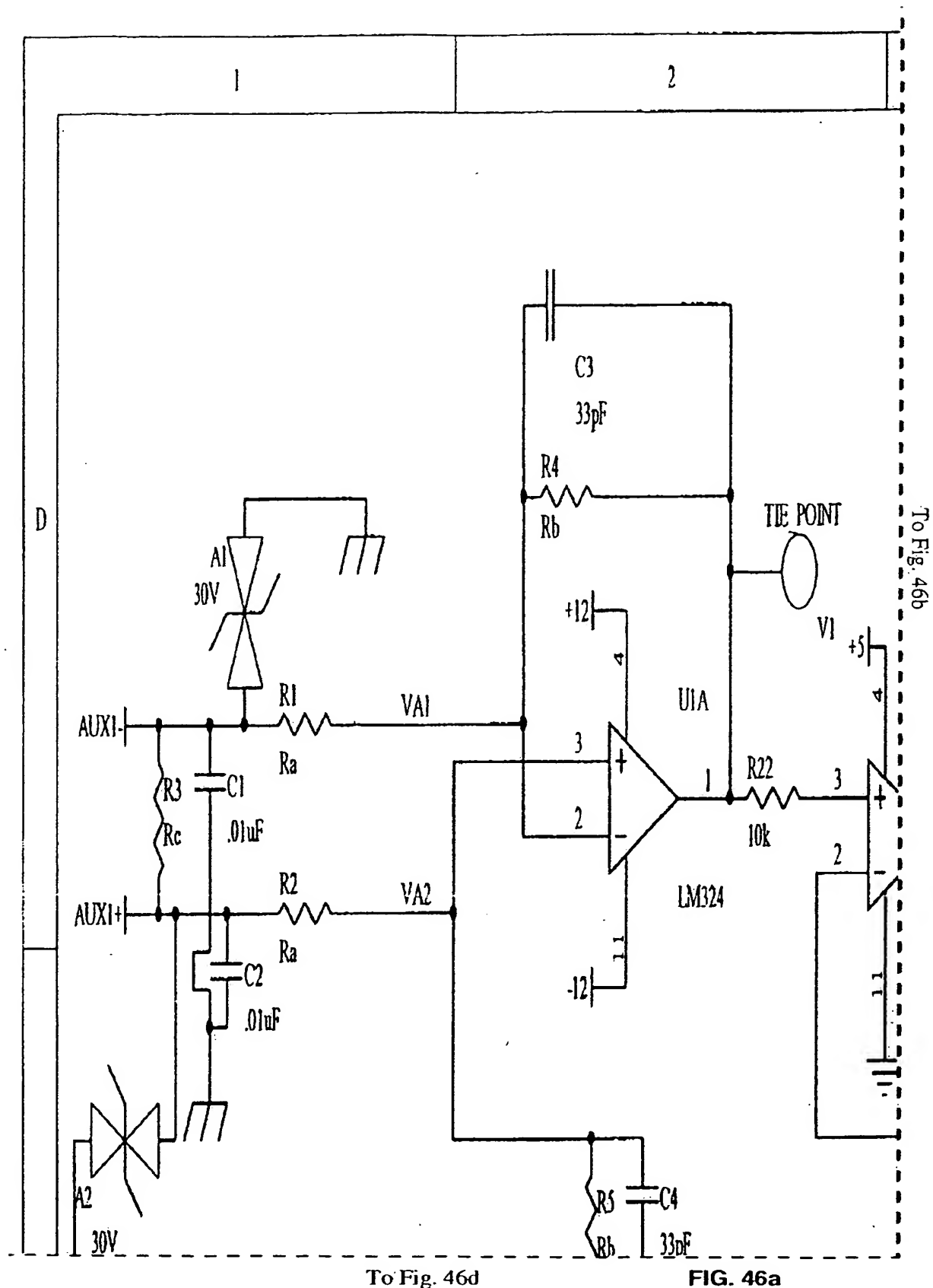
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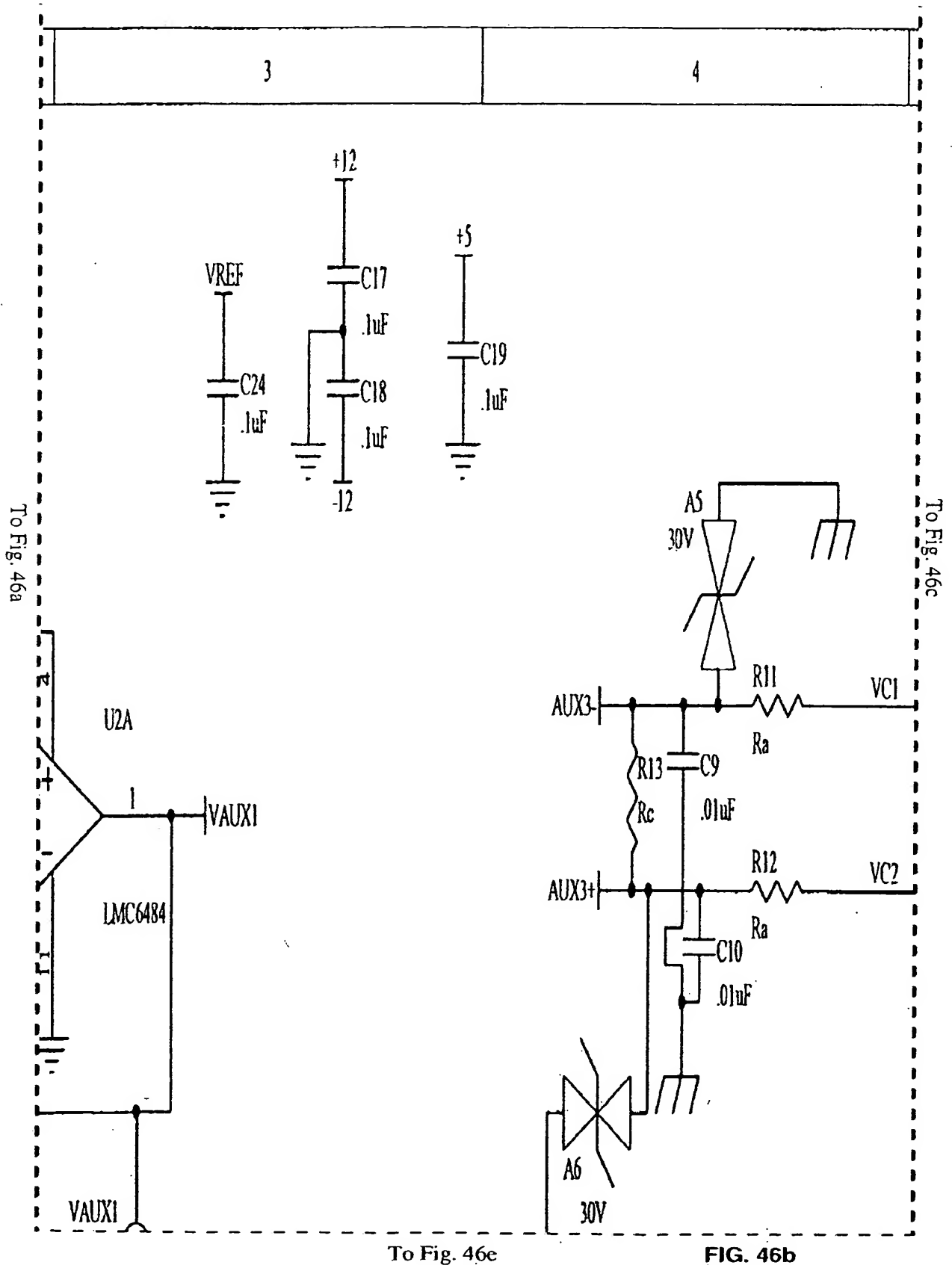
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1

FIG. 45i

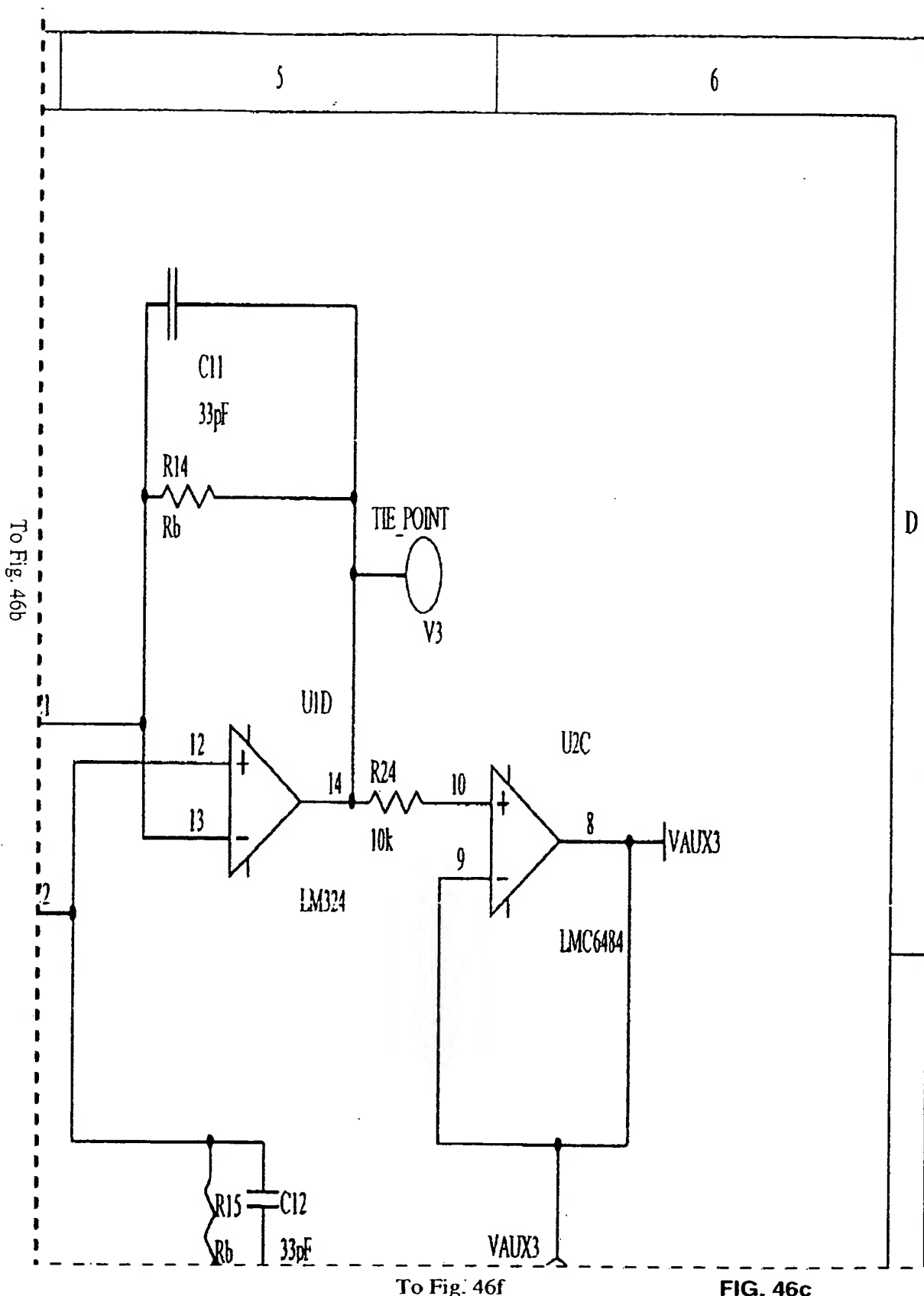


200 8 207



To Fig. 46c

FIG. 46b

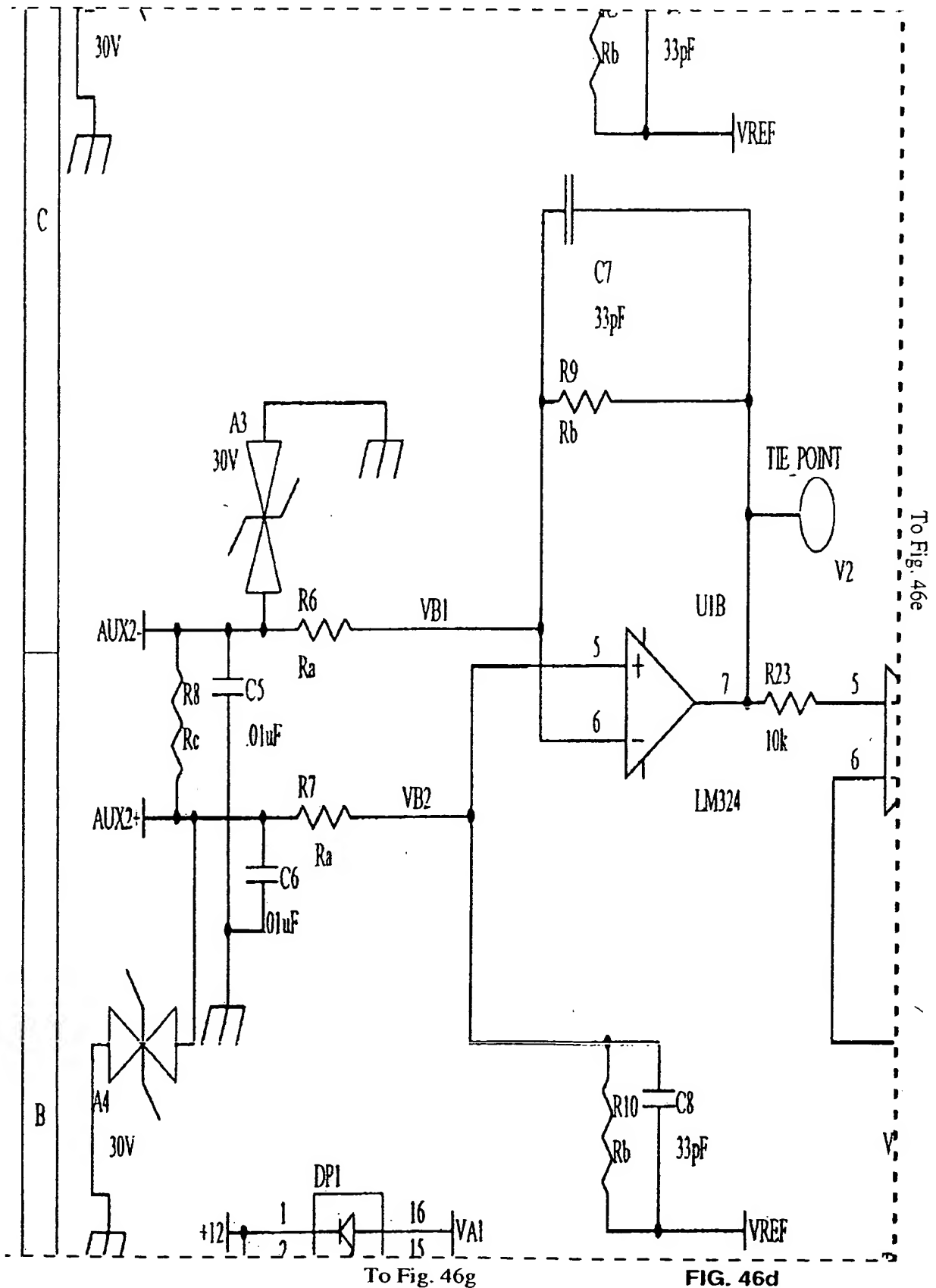


To Fig. 46f

FIG. 46c

202 86 207

To Fig. 46a

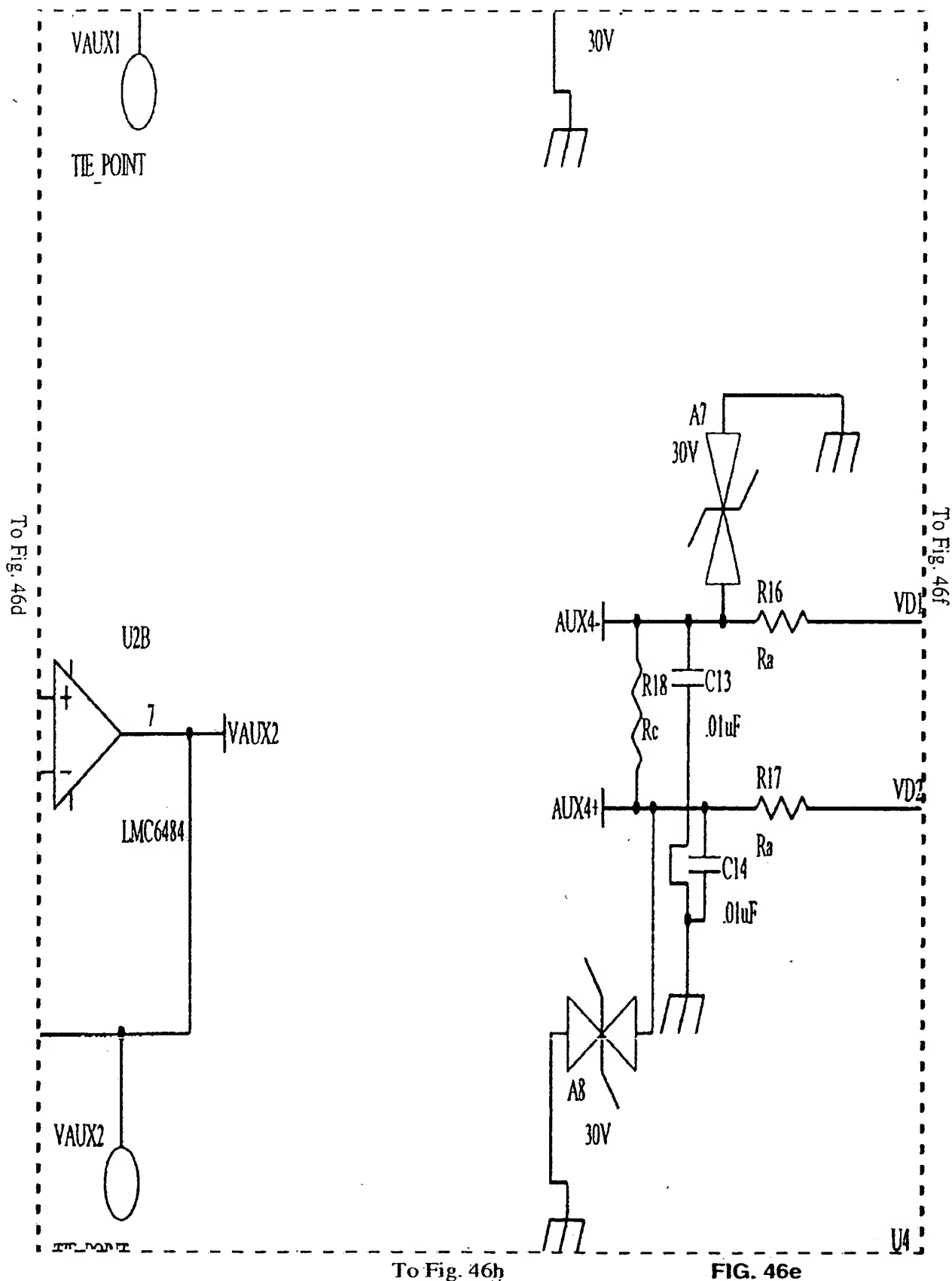


To Fig. 46g

FIG. 46d

203 02 207

To Fig. 46b



To Fig. 46h

FIG. 46e

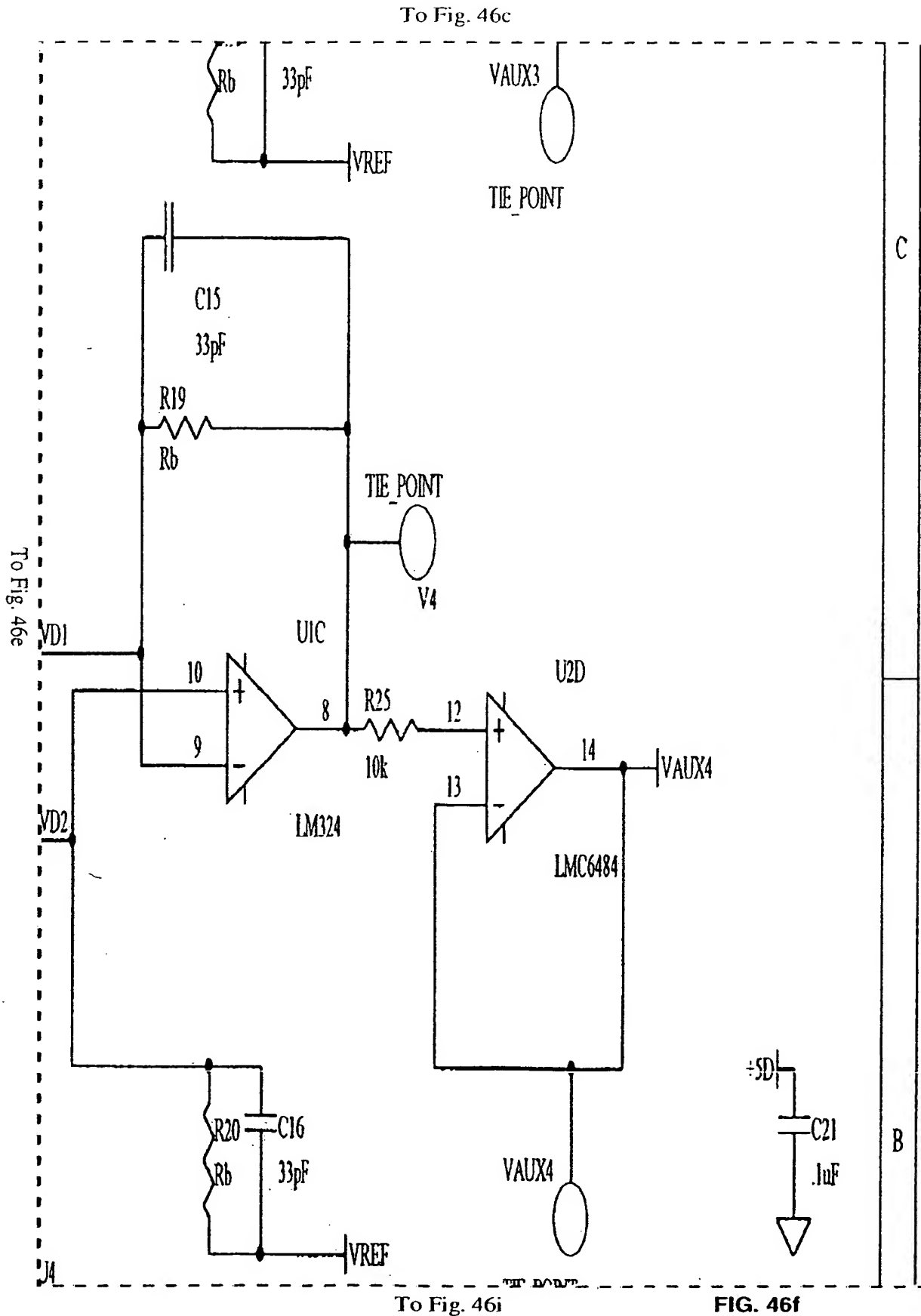


FIG. 46f

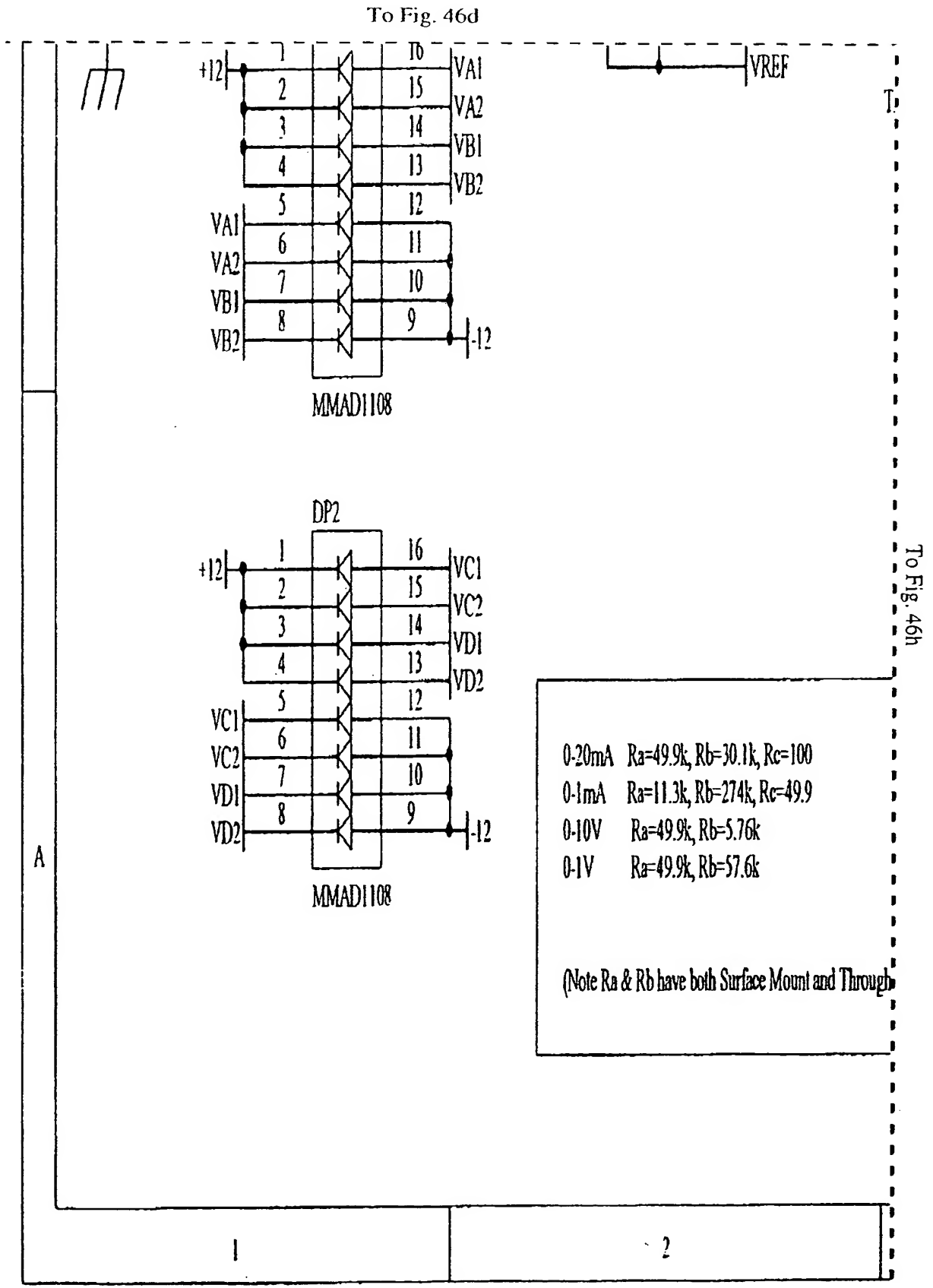


FIG. 46g

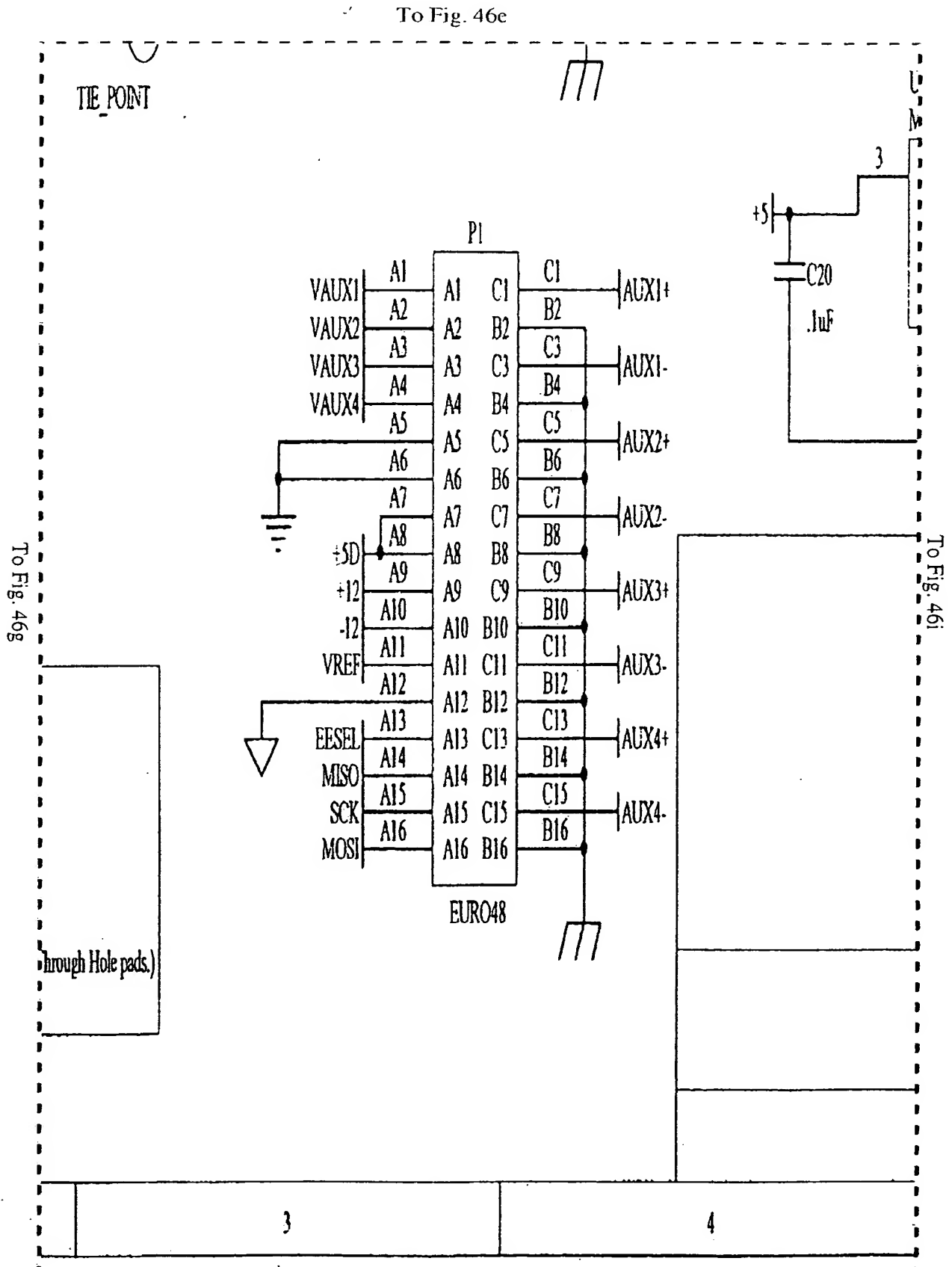
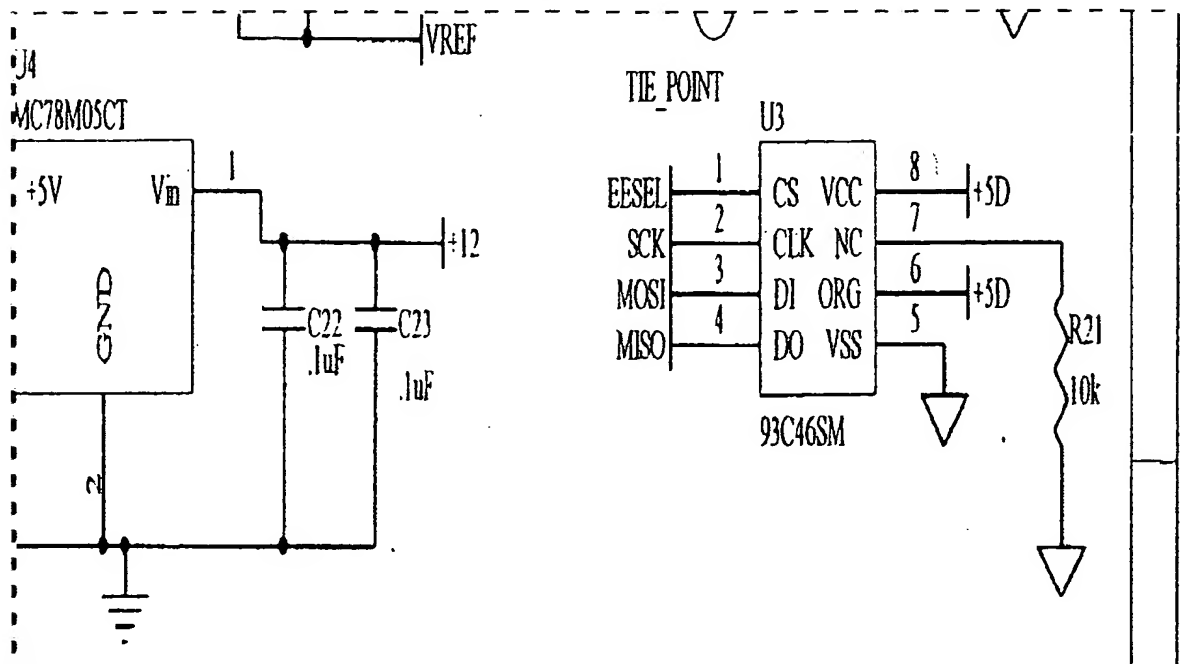


FIG. 46h

To Fig. 46f



To Fig. 46h

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FIG. 46i